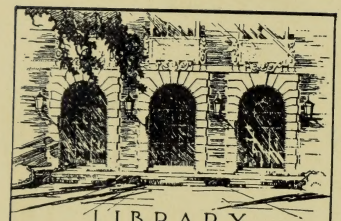

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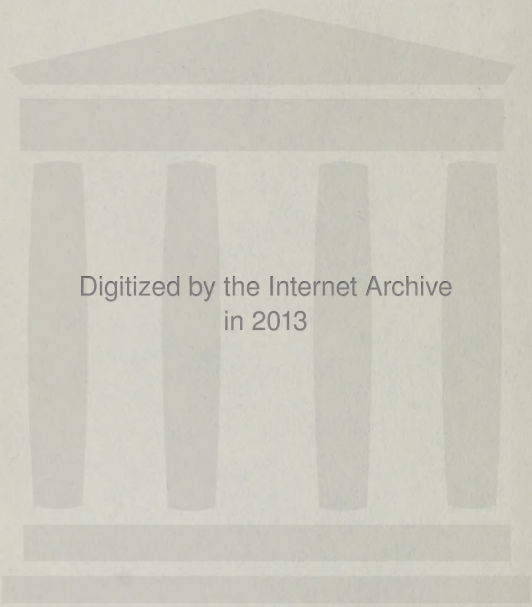
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Macalester College

Catalogue

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UNIVERSITY OF ILLINOIS

1904-1905

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MACALESTER COLLEGE.

CATALOGUE

OF

Macalester College

AND

Classical Academy

1904-1905

ST. PAUL, MINNESOTA

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PREFACE.

Macalester College is organized on the plan of the best eastern institutions of learning. It is governed by a self-perpetuating board of trustees, whose single purpose in its up-building is to promote Christian higher education. Most of the men who had to do with the founding and earlier history of the college were graduates of eastern colleges.

Rev. Edward D. Neill, D. D., the founder, and Rev. Daniel Rice, D. D., his able coadjutor, were graduates of Amherst College. Rev. Robert F. Sample, D. D., was a graduate of Princeton. Henry L. Moss was an honored alumnus of Hamilton College; Hon. Alexander Ramsey, of Lafayette College; Robert P. Lewis, of Washington and Jefferson College; Thomas Cochran, of the University of New York; Maj. B. F. Wright, of Union College; Rev. J. C. Whitney, of Oberlin College; Rev. David James Burrell, D. D., of Yale.

The purpose of these men was to build up in the Northwest an institution that would embody the best traditions of the institutions whence they had come. With Woolsey, some time president of Yale, they believed that in the best education the matter of first importance is character; second, culture; third, knowledge. This was the general conception of education they sought to realize in Macalester College.

Closely associated with them in this noble work were many other esteemed citizens of our state, such as Judge C. E. Vanderburg, who contributed $17,000 toward the erection of four residences for professors; Hon. Eugene M. Wilson, Henry H. Horn, Henry M. Knox, H. K. Taylor and (later) Rev. J. B. Donaldson, D. D., Thomas H. Dickson and others.

AUG 3 '36

Among those who in later years have contributed liberally to the better establishment and support of the college, are:

James J. Hill, William H. Dunwoody, Mrs. William Thaw (Pittsburgh), William B. Dean, Rufus C. Jefferson, Robert A. Kirk, Frederick Weyerhaeuser, George D. Dayton, Thomas B. Janney, Daniel R. Noyes, Judge Thomas Wilson, Judson E. Carpenter, Charles H. Bigelow, David Tozer (Stillwater), and many others.

The college was opened in 1885, and graduated its first class in 1889.

It welcomes to its halls all earnest young men and women who seek a higher education. The college desires to be as helpful as possible in aiding young people to solve the problems of their education, and accordly the expenses are reduced to a minimum.

The college offers both in the collegiate and academic departments three courses:

Ancient classical, modern classical, and scientific, besides numerous electives in the junior and senior years; also thorough instruction in music, and in elocution.

Students who are looking forward to law, medicine, theology, engineering or teaching can easily select studies from the courses and electives offered that will prepare admirably for the professional studies they have in view.

Students preparing for the gospel ministry in any evangelical church, if properly certified, receive tuition at half rates.

The college makes systematic efforts to secure good positions for those of its graduates that intend to teach, and who have given evidence of being well equipped.

College Calendar.

COLLEGE YEAR, 1905-1906.

1905.

May 13.	Saturday,	Senior Vacation Begins.
May 30.	Tuesday,	Decoration Day.
June 2.	Friday (8:00 P. M.),	Commencement of Academy.
June 4.	Sunday (10:30 A. M.),	Alumni Sermon.
June 4.	Sunday (3:30 P. M.),	Baccalaureate Sermon
June 4.	Sunday (8:00 P. M.),	Annual Address before the Y. M. and Y. W. C. A.
June 5.	Monday (8:00 P. M.),	Senior Class Evening.
June 6.	Tuesday (9:30 A. M.),	Field Day.
June 6.	Tuesday (8:00 P. M),	Annual Recital of the Music Department.
June 7.	Wednesday (9:00 A. M.),	Annual Meeting of the Board of Trustees in the President's Room.
June 7.	Wednesday (2:00 P. M.),	Sixteenth Annual Commencement.
June 7.	Wednesday (5:30 P. M.).	Alumni Banquet.
Sept. 12.	Tuesday (10:00 A. M.),	Entrance Examinations.
Sept. 13.	Wednesday (10.30 A. M.),	First Semester opens with an Address in the College Chapel.
Nov. 30.	Thursday,	Thanksgiving Recess.
Dec. 21.	Thursday,	Winter Vacation begins.

1906.

Jan. 3.	Wednesday (8:30 A. M.),	Session resumes.
Jan. 25.	Thursday,	Day of Prayer for Colleges.
Feb. 2.	Friday,	First Semester ends.
Feb. 5.	Monday (10:30 A. M.),	Second Semester begins. Address
Feb. 22.	Thursday,	Washington's Birthday.
April 13 to 16 inclusive,		Spring Vacation.
June 6.	Wednesday.	Second Semester ends.

SUMMER VACATION OF THIRTEEN WEEKS.

Board of Trustees.

Officers of the Board.

THOS. SHAW.....President.
R. A. KIRK.....Vice-President.
B. H. SCHRIBER.....Secretary.
C. E. MACKEAN.....Treasurer.

Trustees.

JAMES WALLACE, Pres. ex-officio..... St. Paul, Minn.

Terms expire June, 1905.

REV. R. N. ADAMS, D. D.....Minneapolis, Minn.
A. B. MORSE.....Waverly, Minn.
REV. J. C. FARIES.....Glen Avon, Duluth.
THOS. B. JANNEY.....Minneapolis, Minn.
R. C. JEFFERSON.....St. Paul, Minn.
R. A. KIRK.....St. Paul, Minn.
M. B. HUTCHINSON.....Jackson, Minn.

Terms expire June, 1906.

REV. JOHN E. BUSHNELL, D. D.....Minneapolis, Minn.
BENJAMIN S. COOK.....Owatonna, Minn.
W. A. FUNK.....Mankato, Minn.
REV. W. H. W. BOYLE, D. D.....St. Paul, Minn.
A. R. CHACE.....Marshall, Minn.
J. W. COOPER.....St. Paul, Minn.
B. H. SCHRIBER.....St. Paul, Minn.

Terms expire June, 1907.

REV. T. H. CLELAND, D. D.....Duluth, Minn.
GEO. D. DAYTON.....Minneapolis, Minn.
STEWART GAMBLE..... Minneapolis, Minn.
REV. A. B. MARSHALL, D. D.....Minneapolis, Minn.
PROF. THOS. SHAW.....St. Anthony Park, Minn.
CHAS. E. MACKEAN.....St. Paul, Minn.

COMMITTEES OF THE BOARD.

Executive Committee.

THOS. SHAW, Chairman.

B. H. SCHRIBER, Secretary. R. A. KIRK.
REV. A. B. MARSHALL. R. C. JEFFERSON.
JAMES WALLACE. J. W. COOPER.

Committee on Endowment.

R. A. KIRK.

R. C. JEFFERSON. GEO. D. DAYTON.
JAMES WALLACE. THOS. SHAW.

Committee on Instruction.

JAMES WALLACE, ex-officio. JOHN E. BUSHNELL.

Committee on Property.

R. C. JEFFERSON. JAMES WALLACE. R. A. KIRK.

College Faculty.

JAMES WALLACE, PH. D., PRESIDENT
Political Science: Greek Literature.

EDWARD COLLINS DOWNING, PH. D.,
Latin Language and Literature.

ANDREW WORK ANDERSON, A. M.,
Mental Science, Logic and Philosophy

DAVID NEWTON KINGERY, A. M.,
Mathematics and Biology.

JULIA M. JOHNSON, A. M.,
DEAN OF THE WOMAN'S DEPARTMENT.
English Literature and Old English.

REV. HENRY D. FUNK, A. M.,
German Language and Literature.

RICHARD U. JONES, A. B.,
Physics and Chemistry.

LOU G. FINDLEY, PH. B.,
French Language and Literature.

REV. ARCHIBALD CARDLE, A. B.,
Biblical History and Literature.

FREDERICK G. AXTELL, A. M.,
Assistant in Greek and Librarian.

FLOYD T. VORIS, A. B.,
Assistant in the Sciences.

HARRY E. PHILLIPS
Piano and Voice Culture.

GRACE B. WHITRIDGE,
Elocution and Dramatic Art.
MRS. H. E. PHILLIPS,
Assistant in Piano.
REV. A. E. DRISCOLL, A. B.,
Field Secretary.

OFFICERS AND COMMITTEES OF THE FACULTY.

Secretary.

EDWARD C. DOWNING.

Registrar.

D. N. KINGERY.

Librarian.

FREDERICK G. AXTELL.
FLOYD T. VORIS (Assistant).

On Rules and Discipline.

JAMES WALLACE. JULIA M. JOHNSON. E. C. DOWNING

On Gymnasium and Athletics.

H. D. FUNK. D. N. KINGERY. ARCHIBALD CARDLE.

On Public Exercises.

EDWARD C. DOWNING. HARRY E. PHILLIPS
JULIA M. JOHNSON. GRACE B. WHITRIDGE

On Publications.

EDWARD C. DOWNING. JAMES WALLACE.
NEWTON KINGERY.

Other Officials.

MATRON OF THE ELMS.....MRS. E. ALLENE CHAPIN
MATRON OF EDWARDS HALL.....MRS. ELLA ANDERSON
MATRON OF EUTROPHIAN HALL.....MRS. L. A. SMITH
ENGINEER AND JANITOR.....LAIRD GUY
ASSISTANT ENGINEER.....JEROME WILCOX

General Information.

Location and Approach.

Location.—Macalester College is located in Macalester Park, a beautiful suburb in the western part of the corporate limits of St. Paul, a few blocks east of the Mississippi river. Its property fronts on Summit Avenue and is one mile south of the main interurban line where it crosses Snelling Avenue. The Grand Avenue electric line runs through the grounds, and the Selby Avenue interurban line is but four blocks north. But one car fare is charged to either city.

Campus.—The college campus contains forty acres and is a beautiful piece of property. It has a frontage of six hundred and sixty feet on Summit Avenue, a fine boulevard two hundred feet in width, terminating one mile west on the banks of the Mississippi. The grounds contain a fine grove, and efforts are making to beautify them in a manner befitting their surroundings.

Advantages of the Location.—The college is very pleasantly located. Macalester Park contains about fifty residences and is quite removed from the thickly settled parts of the city. The college is, therefore, away from the distractions and temptations of city life. There are no saloons or other places of temptation in the vicinity. The location is favorable for study, for the development and maintenance of a pure and wholesome college life, and for careful supervision of

the conduct of the students. Though the college is in a quiet and retired place, the students are brought in contact more or less with the life and culture of the city. The large public libraries, churches, lecture courses and musical entertainments are accessible, and season tickets to the regular lecture courses are usually offered students at a reduction.

How to Reach the College.—To reach the college from St. Paul take street cars running west, marked "Laf. to Macalester" or "Laf. to Grove' Park." Get off at Snelling Ave. These cars are reached from the Union Depot by going up Sibley street two and a half blocks. If these directions are forgotten, any policeman will give correct information as to how to reach the college.

To reach the college from Minneapolis take the new interurban line by way of Lake street and Marshall avenue to college grounds. Or take the interurban line by way of Merriam Park, transfer to Snelling avenue, and go south to the college.

Persons with trunks or other heavy baggage should buy their tickets to St. Paul. Arrangements are made at the college to have the trunks brought out at a small cost. Any student notifying the president or any professor in time will be met at the Union Station.

COLLEGE BUILDINGS.

Main Building.—This is a brick building, one hundred feet long and fifty feet wide, three stories high, containing class rooms, society halls, gymnasium, library, reading-room and auditorium.

The building is heated with steam and is provided with its own electric light plant.

Gymnasium.—The basement of the college building, a hundred feet long and fifty feet wide, with ceiling seventeen feet high, is used for a gymnasium. It contains a lavatory supplied with hot and cold water, four hand-ball courts, ladders, hanging rings, horizontal bar and other apparatus. It is large enough to admit of basket ball practice and affords ample facilities for healthful athletic exercise. One dollar of each incidental fee is appropriated to athletics and physical training.

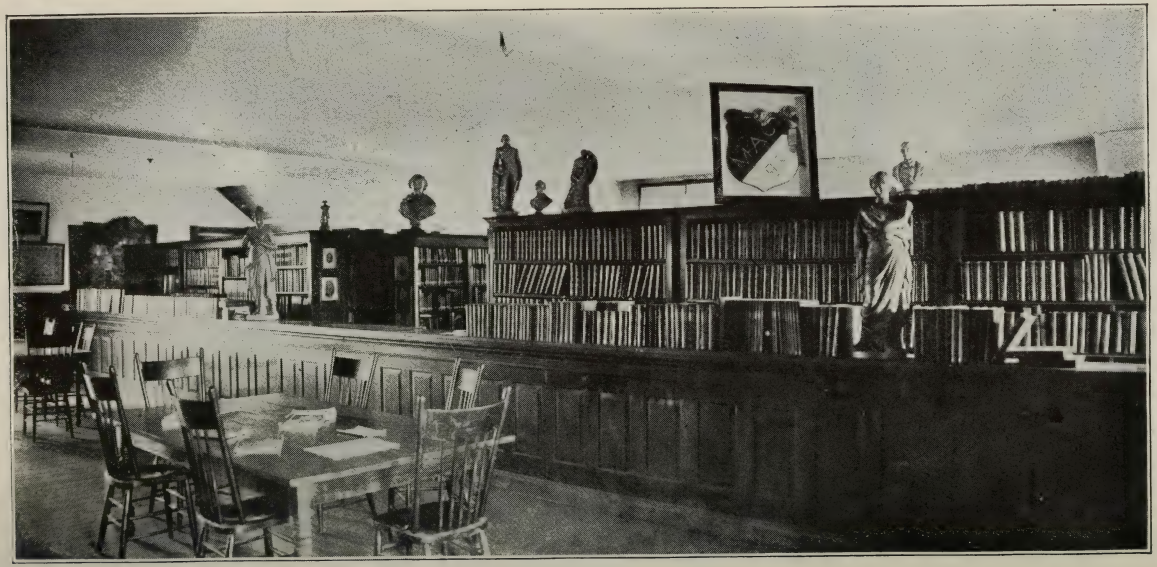
The Library.—The Library contains about seven thousand eight hundred volumes, not counting duplicates, most of it classified on the Dewey system. The department of bound periodicals already comprises nine hundred volumes. The Neill Collection includes rare works in Puritan and Colonial history and theology, together with examples of fifteenth and sixteenth century printing.

A large room on the third floor affords excellent accommodations for both Library and Reading Rooms, and is open during the forenoons throughout the college year.

At present the Neill Collection of Autograph Letters is to be found in the Library.

Some recent accessions are the Encyclopedia Americana in sixteen volumes, given by William H. Dunwoody of Minneapolis; also twenty-nine bound volumes of the magazine called Science, by Dr. T. D. Simonton, St. Paul.

Dormitory.—This also is a three-story brick building, ninety feet long by thirty-eight feet wide. The first floor contains the music studio, Y. W. C. A. room,



LIBRARY.

MUSIC STUDIO.

and mathematical room. The second and third floors contain twenty double rooms designed to accommodate two students. They are furnished with plain, substantial furniture, are well lighted and thoroughly comfortable. In the basement are the physical and biological laboratories.

The building is heated with steam. Students must care for their own rooms or arrange with some one to do so.

The Elms.—This is an excellent frame building on the corner of Snelling and Summit Avenues, two blocks from the college, fitted up for the accommodation of young ladies. The location is very pleasant and the surroundings attractive. The rooms are spacious, furnished with single iron beds and other substantial furniture. The building is heated by hot water. Unless special arrangements are made, two students occupy the same room. Every reasonable effort is put forth to make the Elms a pleasant, Christian home.

Edwards Hall.—This is a substantial three-story building on Macalester Avenue, one block south of the college. It is named after W. C. Edwards, Esq., of St. Paul, through whose generous liberality it was erected. It furnishes accommodations for twenty-two roomers, besides the matron and her help, and sets tables for forty. The plain, but excellent accommodations provided in this building and offered at very moderate rates have proved a great boon to students who find it difficult to meet the expenses of a college education. The students in this building form a club and manage the boarding department under a matron and other officers of their own choice, subject to the

general supervision of the faculty. Room and board cost not to exceed two dollars and a half per week. This hall is for young men only.

The Eutrophian Hall is a boys' boarding club, situated two blocks north of the college building. Its dining room is light, cheery and commodious, having a seating capacity for about forty young men. The club is under the care of a competent matron, and a steward, who is elected from the members. The amount paid for board by members defrays all expenses. It is the aim of those in whose hands the management is entrusted to keep the expenses at a minimum. Board ranges from two dollars and forty cents to two dollars and seventy cents a week.

Chemical Laboratory.—The building erected originally for the Library, through the liberality of Hon. Henry L. Moss, is now used as a chemical laboratory. It has desk room for twenty-eight students, is thoroughly lighted and admirably adapted for laboratory purposes. It is well equipped with apparatus and offers facilities for both required and elective courses in chemistry.

Administration.

In the administration of the college appeal is made as far as possible to the self-respect and manliness of the students. They are constantly encouraged to guard well their honor and that of the institution, to maintain a wholesome esprit de corps.

Some regulations, however, are necessary, and when students matriculate it is understood that they there-

by submit themselves to the government of the college and pledge themselves to support the same while they are members of the institution. They are expected, and, by virtue of their matriculation as students of the institution, are understood to obligate themselves to act as ladies and gentlemen, to be faithful in attendance upon recitations, examinations, daily morning prayers, and Sunday morning service, and to be diligent in preparation of all tasks assigned.

Students of the Academy who are not of age may visit the cities only on Saturdays during the day or Sunday evenings to attend church. At other times permission must be obtained of the principal of the Academy.

College students are given greater liberty; but frequent visiting of the cities or returning late at night will be dealt with as offenses against good order.

Except in very special cases students are not permitted to room and board down in the city.

Students whose influence is found to be hurtful, even though guilty of no serious breaches of order, will not be retained in the institution. No principle of college administration has been more faithfully observed than this.

Religious Culture.

Religious Services.—Devotional exercises are held in the college chapel daily at 10 a. m., at which all students are required to be present.

Public worship is held every Sabbath morning in Macalester Presbyterian church. Attendance upon

this service Sunday morning is expected of all students except those boarding at home, and those excused for good reason to worship elsewhere.

The students are welcome to the Sunday school, which follows the morning service, and for them special classes are organized. The pastor of the church is wont to take an active interest in the spiritual welfare of the students.

Young Men's Christian Association.—This association has an active membership of about forty members. It holds regular meetings every Tuesday evening and missionary meetings once a month. Several of the older members do home mission or Sunday school work in small churches located in the cities or within a reasonable distance of them. Going out to these country churches on Saturday evening they are usually able to return Monday morning in time for recitations. The association is in close touch with the associations of the two cities and finds opportunities of Christian activity and usefulness in the mission work of the cities. A committee of the association is present at the College two or three days before the College opens to meet the new students as they come in. Members of this committee will meet any incoming student at the Union Station, St. Paul, if notified beforehand of the time of arrival. Address Mr. Alexander Hood, President Young Men's Christian Association.

The Union Gospel Mission (Inter Denominational) has proved to be a fine training school for many of our students in practical Christian work. The Superintendent is a college man and believes profoundly in the Christian student as a large factor in the settlement of

the problems before the people; also that there is no better place than a mission for development in intellectual and spiritual life.

Young Women's Christian Association.—This association, like the one above named, seeks to deepen the spiritual life of its members, to foster a Christian spirit in the institution, to bring its members into closer and more sympathetic relations with one another. It has a membership of from thirty to thirty-five. Devotional meetings are held weekly in the Y. W. C. A. room in the college, and much attention is given to Bible study and to missionary themes. If any young woman, who expects to enter the College, notify the president or vice president of the association when she will reach the city, she will be met at the station. Any information about the institution will be gladly given upon inquiry. Address Miss Martha Olson, Secretary.

Students' Volunteer Band.—This organization, numbering fifteen or more, holds monthly meetings sometimes in the college, sometimes with the bands of neighboring institutions. It aims to reach a more thorough consecration and to become more conversant with the history and achievements of missions.

Society of Christian Endeavor.—A flourishing Endeavor society is held every Sunday evening in the local church of the Park. The society has proved an invaluable means of Christian culture.

Literary Societies.

Two literary societies and one debating club are in operation under the general oversight of the faculty.

In the collegiate department there are the Hyperion, admitting to membership both young men and young women; the Athenaean Debating Club for young men; and in the Academy, the Parthenon, open to all students of this department.

The Hyperion holds weekly meetings in its own handsome, well-furnished hall; the Athenaean meets in the Music Studio.

Every regular student is expected to become connected with one or other of these societies, and faithfully fulfill the duties of membership. No literary society or other organization may be established without the consent of the faculty.

Oratorical Association.—This association has about forty members and seeks to promote an interest in Oratory. The interests of the College in the state association are under the control of this association. By means of a preliminary contest it selects one member to represent the College at the State oratorical contest.

Stringer Prize.—Through the kindness of Mr. E. C. Stringer, of St. Paul, the College is able to offer an annual prize of twenty-five dollars, to be given to that student of the College who, having not less than fourteen recitations a week, takes the first place in the preliminary oratorical contest mentioned above. Mr. R. O. Thomas, of Lime Springs, Iowa, was awarded the prize in the contest of 1904, and Mr. James Hamilton, St. Paul, in that of 1905.

Athletics.

Athletics and careful physical training are encour-

aged and one dollar of each term's incidental fee is set apart for instruction in the care and training of the body and for the equipment of the gymnasium. The four hand-ball courts are at the service of the students, besides considerable apparatus. An inclosed athletic field has been prepared, containing about five acres and lying just south of the College. There is ample room for lawn tennis and all the usual outdoor games.

Examinations and Reports.

Examinations, written or oral, at the option of the professor, are held at the close of each semester, and the class standing of each student is fixed according to his grades in class and on examination. The former usually counts two-thirds, the latter one-third. No student can retain class standing if the examinations are not taken. A record is kept of each student's grades in scholarship and deportment, a copy of which is sent to his parents or guardian at the end of each semester. If these are not received the fact should be reported to the registrar. Hereafter quarterly reports will be made of all academic students.

Degrees.

Graduates from either the Ancient or Modern Classical courses receive the degrees of A. B.; those from the Scientific course the degree of B. S.

At its annual meeting last June the Board of Trustees conferred the degree of Doctor of Divinity on Rev.

Stanley B. Roberts, pastor of the Bethlehem Presbyterian Church, Minneapolis, and the degree of Master of Arts on Myron A. Clark, Rio Janeiro, Brazil.

Books and Stationery.

A book and stationery store is conducted at the College. When obtainable, second-hand books are kept in stock, and old books are taken in exchange or purchased. Students are thereby enabled to effect a considerable saving on their book expense.

Self-Support.

Students desiring to do something towards defraying their own expenses can usually find some way of doing so. Many find work on Saturdays, in stores and other places of business, and have thus paid a large part of the expense of their board. Others have earned their board by working mornings and evenings. It is seldom that any worthy, capable student with energy and tact fails to find some means by which he may work his way through college, provided the long summer vacation is improved to increase his income. Any student who earnestly desires an education, and can raise forty dollars or more, should feel encouraged to come and make a beginning. It is probable that the way will open for the continuance of his studies.

COLLEGE OF LIBERAL ARTS

Courses of Study.

The College of Liberal Arts embraces the following general courses:

I. The Ancient Classical Course, leading to the degree of A. B. In this course Latin and Greek are required to the end of the sophomore year, after which modern languages or other branches may be chosen instead.

II. The Modern Classical Course, leading to the degree of A. B. In this course Latin and German are required to the end of the sophomore year, after which these branches become elective.

III. The Scientific Course, leading to the degree of B. S. The sciences of this course are Physics, Chemistry and Biology. Students are required to take the long course (two years) in one and the short course in each of the other two.

On entrance, the student makes choice of one of the above courses. Thereafter deviation from the course chosen must be with consent of the faculty upon written application stating reasons.

Elective Courses.—In the junior and senior years elective courses are offered in the following subjects: Mathematics, English Literature, Rhetoric (advanced) and Oratory, Hebrew, Greek, Latin, German, French, History and Political Economy, Civil Government, Physics, Chemistry, Philosophy, and Literary Study of Bible.

In the sophomore year the following electives are offered: Mathematics, Pedagogy, Chemistry, Biology, Physics and Old English.

These required and elective courses of study, it is

believed, are sufficiently broad to meet the ordinary wants of most students who are preparing to take up professional studies.

Preparation for the Study of Medicine.—The required work in Biology and the required and elective work in Chemistry (over three years in the laboratory) furnish rare preparation for those who intend to study medicine.

Preparation for the Study of Law.—The required studies in Political Economy and Social Science and the electives in Forensic Oratory and Constitutional History offer an admirable course to those who are preparing for law. Students who, while pursuing certain studies in college, would like also to take up the study of law, find excellent opportunity of doing so in connection with the St. Paul Law School, which gives all its lectures in the evening in the City Hall, but twenty-five minutes ride from the college.

Preparation for the Christian Ministry.—The Bible study that runs through the course and the electives in Greek Testament, Hebrew, and Literary Study of the Bible, offer a course unusually well adapted to those who have the gospel ministry in view. Those, too, who are preparing to be missionary teachers will find in the wide range of Bible study pursued in the college an indispensable and very attractive adjunct to their course.

Partial Courses.—With the approval of the faculty, students who are not looking forward to a degree, and who have sufficient preparation, are admitted to select courses. But in such cases a minimum of twelve hours a week will be required.

Admission from the Academy.—Graduates from the Academy are admitted, without examination, to the college course for which they are prepared.

Admission from High Schools and Academies.—Grades and certificates from other colleges, from academies and high schools will be accepted in lieu of examinations in so far as they represent an equivalent of preparation. Certificates from first-class high schools of Minnesota and other states will admit to the freshman class subject to proper adjustment to courses herein offered. Certificates or grades from lower schools will be accepted, if creditable, for the work they represent. Verbal reports of standing will not be accepted.

Students desiring to enter college without examination should send for an applicant's blank. This is to be carefully filled out and returned not later than September tenth. If this is done it will greatly expedite the work of classifying the new students at the opening in the fall.

Deficiencies.—Students who are not fully up to the requirements will be given every opportunity to remove their deficiencies, but no students should undertake to make up more than one-third of a year's work.

REQUIREMENTS FOR ADMISSION TO THE FRESHMAN CLASS.

Candidates for admission to the freshman class must pass examination or present satisfactory credits in the following subjects:

Requirements.

I. English:

Grammar, and Analysis, including Orthography, Punctuation.

Rhetoric and Composition.

Literature. This examination is based on a careful study of: Shakespeare's Macbeth; Milton's L'Allegro, Il Penseroso, Comus, and Lycidas; Burke's Speech on Conciliation with America; Macaulay's Essays on Addison and Milton, and a careful reading of: George Eliot's Silas Marner; Pope's Translation of the Iliad (Books i, vi, xxii, and xxiv); The Sir Roger de Coverly Papers in the Spectator; Goldsmith's Vicar of Wakefield; Scott's Ivanhoe; Shakespeare's Merchant of Venice; Cooper's Last of the Mohicans; Tennyson's Princess; Coleridge's Rime of the Ancient Mariner.

No candidate will be accepted in English whose work is seriously defective in point of spelling, punctuation or grammar.

II. Mathematics:

Arithmetic: Including the Metric System.
Algebra: Higher through Quadratics.
Geometry: Plane and Solid.

III. Latin:

Grammar and Lessons (one year).
Caesar: Four books of the Gallic War.
Cicero: Six orations.
Prose Composition, based on Caesar.

IV. Science:

Elementary Physics or Chemistry: one year.

V. History:

United States: McMaster's, Johnston's, or their equivalent.

Greece: Morey's, Oman's, or their equivalent.

Rome: Morey's, Allen's or their equivalent.

England: Coman & Kendall's, or its equivalent.

VI. Geography:

Descriptive Geography: Ancient and Modern.

Physical Geography: Dryer's, Tarr's, Davis', or their equivalent.

In addition to the above there is required for the

Ancient Classical Course.

I. Latin: Virgil: Six books of the Aeneid.

II. Greek:

Grammar and Lessons (one year).

Xenophon: Four books of the Anabasis.

Prose Composition, based on the Anabasis.

Modern Classical Course.

I. Latin: Virgil: Six books of the Aeneid.

II. German:

Grammar and Lessons: Spahnhoofd or Becker.

Reader: Glueck Auf, or its equivalent.

Literature: Storm's Immensee, Wilhelm Tell and Hermann und Dorothea, or the equivalent of these.

Composition: Simple prose.

Students deficient in Greek or German have excellent opportunity of making up their deficiencies in the Academy.

Scientific Course.

I. German: Same as in Modern Classical.

II. Science:

Physiology, Botany and Zoology (half year of each), Physics or Chemistry (one year each).

Synopsis of Courses of Study.

FRESHMAN YEAR.

FIRST SEMESTER.

ANCIENT CLASSICAL	MODERN CLASSICAL	SCIENTIFIC
Greek, 4.*	German, 4.	**German, French,
Latin, 4.	Latin, 4.	Latin, 4.
Mathematics, 4.	Mathematics, 4.	Mathematics, 4.
English, 3.	English, 3.	English, 3.
Oratory, 2.	Oratory, 2.	Biology I, 4.
Bible, 1.	Bible, 1.	Oratory, 2.
		Bible, 1.

SECOND SEMESTER.

Greek, 4.	German, 4.	**German, French,
Latin, 4.	Latin, 4.	Latin, 4.
Mathematics, 4.	Mathematics, 4.	Mathematics, 4.
English, 3.	English, 3.	English, 3.
Oratory, 2.	Oratory, 2.	Biology I, 4.
Bible, 1.	Bible, 1.	Oratory, 2.
		Bible, 1.

SOPHOMORE YEAR.

FIRST SEMESTER.

Greek, 3.*	German, 3.	**German, French,
Latin, 3.	Latin, 3.	Latin, 4.
Mathematics, 3, or	Mathematics, 3, or	Mathematics, 3.
Pedagogy, 3, or	Pedagogy, 3, or	English, 3, or
Biology I, 4.	Biology I, 4.	Pedagogy, 3.
English, 3.	English, 3.	Biology II, 3. }
Chemistry I, 3.	Chemistry I, 3.	Chemistry I, 3. } †
Oratory, 2.	Oratory, 2.	Physics I, 3. }
Bible, 1.	Bible, 1.	Oratory, 2.
		Bible, 1.

*The figures indicate the number of hours per week.

**The language elected in the freshman year must be continued.

†Elect two.

SOPHOMORE YEAR.

SECOND SEMESTER.

Greek, 3.
Latin, 3.
Mathematics, 3, or
Pedagogy, 3, or
Biology I, 4.
English, 3.
Chemistry I, 3.
Oratory, 2.
Bible, 1.

German, 3.
Latin, 3.
Mathematics, 3, or
Pedagogy, 3, or
Biology I, 4.
English, 3.
Chemistry I, 3.
Oratory, 2.
Bible, 1.

German, French,
Latin, 3.
Mathematics, 3.
English, 3, or
Pedagogy, 3.
Biology II, 3. } †
Chemistry I, 3. }
Physics I, 3. }
Oratory, 2.
Bible, 1.

JUNIOR YEAR.

FIRST SEMESTER.

Required in all Courses.

1. English Literature, 3.
2. *Physics, 3.
3. Psychology, 3.
4. Political Economy, 2.

†Elective in All Courses.

Rhetoric and Oratory, 2.
Mathematics, 3.
Chemistry, II or III, 3.
Latin, 2.
Greek, advanced, 3.
Greek, beginning,** 5.
German, advanced, 3.
German, beginning,** 5.
French, advanced, 2.
*French, beginning, 4.
Hebrew, 3.
Literary Study of Bible, 2.
History of Philosophy, 3.
Music, advanced, 2.
Greek Drama (through translations), 2.

SECOND SEMESTER.

Required.

1. English Literature, 3.
2. Physics, 3.
3. Psychology, 3.
4. Political Economy, 2.

Elective.

Rhetoric and Oratory, 2.
Mathematics, 3.
Chemistry, II. or III. 3.
Latin, 2.
Greek, advanced, 3.
Greek, beginning, 5.
German, advanced, 3.
German, beginning, 5.
French, advanced, 2.
French, beginning, 4.
Hebrew, 3.
Literary Study of Bible, 2.
History of Philosophy, 3.
Music, advanced, 2.
Greek Drama, 2.

†Elect two.
§ Five or six periods weekly must be chosen.
**Counts for three hours.

SENIOR YEAR.

FIRST SEMESTER.

Required in all Courses.

1. Astronomy, 4.
2. Logic, 3.
3. Sociology, 2.
4. Apologetics, 3.

†Elective in all courses.

English Literature, 2.
Rhetoric and Oratory (with Juniors), 2.
Mathematics, 3.
Philosophy, 3.
Political Science, 2.
Literary Study of Bible, 2.
Greek, advanced, 3.
Chemistry, II or III, 3.
Physics, II, 3.
German, advanced, 3.
Greek Anabasis, 5.
German, advanced, 3.
German, second year, 5.
French, second year, 3.
Hebrew, 2.
Music, advanced, 2.

SECOND SEMESTER.

Required.

1. Ethics, 3.
2. Geology, 5.
3. Constitutional History of the United States, 2.

Elective.

English Literature, 2.
Rhetoric and Oratory (with Juniors), 2.
Mathematics, 3.
Philosophy, 3.
Political Science, 2.
Literary Study of Bible, 2.
Latin, 2.
Chemistry, II or III, 3.
Physics, II, 3.
Greek, advanced, 3.
Greek, Anabasis, 5.
German, advanced, 3.
German, second year, 5.
French, second year, 3.
Hebrew, 2.
Music, advanced, 2.

Particular Description.

ENGLISH.

I. Required—1. **Rhetoric.**—The course in rhetoric for the freshman class is intended (1) to cultivate the taste and develop the critical power of the student; and (2) to train him in accurate observation and thinking and to the use of clear, forcible, and elegant English. It includes the following:

a. A short course of lectures on the origin, development, and characteristics of the English language, and a brief review of the principles of style;

b. A study in the essentials of logic;

c. Theory and practice in the making of abstracts and plans, and in the various kinds of prose writing, especially in exposition and argumentation;

d. Rhetorical studies in assigned literature.

Freshman year, three hours a week.

2. **Anglo-Saxon and Middle English.**—Study of grammatical forms; reading of Sweet's Anglo-Saxon Primer and other selections; Sweet's First Middle English Primer with readings from Wiclif and Langland. Sophomore year. First semester, three hours a week.

3. **Chaucer and American Literature.**—Readings and studies, under the direction of the professor, in the lives and masterpieces of our great writers. Second semester, three hours a week.

4. **English Literature.**—The aim of the course is to emphasize the main facts in the development of the literature. Spenser, Shakespeare and Milton are ex-

tensively read and discussed. Junior year, three hours a week.

II. Elective.—1. **Criticism.**—A study of the principles governing literary composition. Senior year, first semester, two hours a week.

2. **From Milton to Tennyson.**—A critical study of short selections. Each representative poet is studied in relation to his personal environment and the intellectual condition of his age. Senior year; first half of second semester, two hours a week.

3. **A Study of Browning.**—Senior year; second half of second semester, two hours a week.

4. **Oratory.**—This elective is open to Seniors and Juniors. Exposition and study of oratorical masterpieces, analysis of essays and arguments, themes and briefs. One year, two hours a week.

LATIN.

I. Required.—1. **Freshman Year.**—Cicero's De Senectute and De Amicitia, Pliny's or Cicero's Letters and Livy's story of the Hannibalic war. Along with the study of these texts there is collateral work upon the life, style, and works of the authors, as well as the social and political customs and problems of their times. There is also pursued a careful study of etymology and phonology, while the principles of syntax receive constant attention and elucidation.

2. **Sophomore Year.**—During the first semester the Odes, Satires and Epistles of Horace are read, not so much, however, as a study of language as of literature. The subject of Prosody, as suggested by his various metres, is given due consideration. The second sem-

ester is spent upon the Germania and Agricola of Tacitus, and on selections from Quintilian. These works are alike valuable for their contents and literary style, and furnish conspicuous examples of later Latin. They are studied both from a literary and a linguistic point of view.

II. Elective.—Junior and Senior Years.—During these years Latin is an elective study twice a week. The following groups of studies may be pursued during either year:

1. **Oratory.**—(a) Cicero: De Oratore, (b) Cicero: Brutus or Oratio pro Milone, (c) Tacitus: Dialogus de Oratoribus.

2. **Drama.**—(a) Plautus: Aulularia, Rudens, (b) Plautus: Captivi, Trinummus, (c) Terence: Andria, Adelphoe.

3. **Ethics.**—(a) Cicero: De Finibus, (b) Cicero: De Officiis, (c) Seneca: Essays.

4. **Lyric Poetry.**—(a and b) Catullus, Tibullus, Propertius, (c) Latin Christian Hymns.

Each elective will receive the textual and collateral study appropriate.

Throughout the whole college course, students are encouraged and expected to make original investigation, to formulate their own conclusions, and to cultivate the art of literary criticism. As much time as possible is devoted to such collateral subjects as add both interest and information.

GREEK.

The Aim.—The general aim in this department is to learn to read Greek readily; to become acquainted with

the Greek people as revealed in their great creations in history, oratory, philosophy, poetry and art; to arrive at a just estimate of the contribution of the Hellenic race to human progress.

I. Required.—1. **Attic Greek.**—The reading and study of easy Attic prose, begun in the Academy, is continued into the freshman year. Xenophon or Lucian are the authors read. Sight reading in the latter books of the Anabasis; reviews of grammar; composition (Jones) completed. First semester, four hours a week.

2. **Ionic Greek.**—(1) **Herodotus.**—Selections; study of forms; synopsis of his history. One term, three hours a week. (2) **Homer.**—Homeric accidence, syntax and prosody; structure of the Iliad; Homeric archaeology; influence on later epics; general summary of the contents of the Iliad and Odyssey (Collins, Ancient Classic Series). Second semester, four hours a week.

3. **Greek Orators.**—Selections from the orators. Rise, history and characteristics of Greek oratory; outlines of Demosthenes' orations (Brodribb). A part of the time may be devoted to the Greek histories (Thucydides and Xenophon) at the option of the professor. Sophomore year, three hours a week.

II. Elective.—1. **Drama.**—Aeschylus, Sophocles, Euripides, Aristophanes. Two or more plays in Greek; outlines of, and selections from, all the plays in English; studies in the Greek drama with helps, such as Haigh's Attic Theatre, Tragic Drama of the Greeks, Campbell's Greek Tragedy, Moulton's Ancient Classical Drama. One year, three hours a week.

2. **Four Options.**—a. The Greek Testament: the Acts of the Apostles and Epistles of St. Paul; rapid sight-reading in the Gospels; mastery of vocabulary and study of N. T. Grammar. One year, three hours a week. Intended especially for candidates for the ministry. Senior year.

b. Greek Philosophy, Plato and Aristotle.

c. The Lyric Poets.

d. Modern Greek.

There is usually more or less variation from the course laid down in freshman and sophomore years, to avoid routine.

GERMAN.

The Aim.—German is the distinguishing feature of the Modern Classical Course and runs parallel with the Greek of the Ancient Classical. The aim is to master the language both as spoken and written. The works of some of the best classical and living authors are read and the materials in the different books furnish the subject for easy conversation in German.

Composition and rapid reading of living authors is a feature of the advanced work.

I. Required.—Freshman Year.—Easy prose (a) Aus Deutschen Meisterwerken, (b) Two Novellen by Baumbach, (1) Der Schwiegersohn, (2) Die Nonna, (c) Schiller's Das Lied von der Glocke, (d) Lessing's Minna von Barnhelm. First semester, four hours a week. (a) German Composition, (b) Goethe's Iphigenie, (c) German lyrics and ballads. Second semester, four hours a week.

Sophomore Year.—(a) Goethe's Faust, Part I. (b) Schiller's Maria Stuart. (c) Lessing's Nathan der

Weise. First semester, three hours a week. The second semester is devoted to the study of the best modern Novellen. Heyse, Jensen, Riehl, Storm, Seidel, Fulda and Wildbrandt are the authors read. These texts furnish the subjects of conversation in German.

II. Elective.—Junior Year.—(a) History of German Literature. The text used is Bernhard's Haupt-Fakta der Deutschen Litteratur, supplemented by lectures. (b) The Romantic School. (c) Heine's Harzreise. (d) Scheffel's Ekkehard. First semester, three hours a week.

The modern Drama (a) Freytag's Die Journalisten. (b) Moser's Der Bibliothekar. (c) Wildenbruch's Harold. (d) Hauptmann's Die Versunkene Glocke. (e) Sudermann's Johannes. (f) Lectures on the latest dramas. Second semester, three hours a week.

Senior Year.—1. (a) Goethe's Wilhelm Meister. (b) Schiller's Thirty Years' War. (c) Freytag's Aus dem Jahrhundert des grossen Krieges. First semester, three hours a week. (a) Goethe's Egmont. (b) Schiller's Die Jungfrau von Orleans. (c) Wieland's Oberon. Second semester, three hours a week.

2. Besides the above courses for advanced students the German of the junior and senior years of the Academy is open to students who have pursued the ancient classical course.

3. A course in Middle High German is offered to native German students, and to such other students as are qualified to take up this study. First, a brief study of Middle High German Grammar, and then Das Niebelungenlied and Gudrun are read.

FRENCH.

Taken up after the four years of Latin required for entrance, rapid progress may be made in the mastery of the language. The first year is devoted to grammar, composition, conversation and easy reading; the second and third to French history and literature. Freshman year, four hours a week; Sophomore and Junior years, three hours a week.

HEBREW.

Hebrew is elective in the Junior and Senior years. The course is intended, (1) to prepare students to do advanced work as soon as they enter the Seminary; (2) to enable them to specialize in some other department.

Junior Year.—The aim of this year's work is to master Genesis I.-VIII., including:

a. The grammatical principles of the language.

b. Acquisition of the vocabulary.

c. Translation of the English into Hebrew.

One year, three hours a week.

Senior Year.—Critical study of one of the Minor Prophets, including text, grammar, exegesis and history.

One year, two hours a week.

Opportunity will also be given for wider reading or readings at sight in the historical books in order to acquire greater facility in the use of the language.

PHILOSOPHY.

I. Required.—1. **Psychology.**—The aim of this course is a somewhat complete view of the most important parts of the science. Psychology, because of its essential relations to all other studies of this department

and because of its value as a means of knowledge and culture, is given a large portion of time. Instruction, by means of recitations, informal lectures, experiments and discussions. Junior year, three hours a week.

2. **Logic and Scientific Method.**—This course comprises a study of logic, deductive and inductive, of fallacies, logical theories, and of scientific method. Abundant exercises are given in order to fix the principles of the science in the minds of students, to cultivate the power of analysis, and to train to correct habits of thought and investigation. Senior year, first semester, three hours a week.

3. **Ethics.**—The study of Ethics is put near the end of the curriculum in order that its philosophic aspects may be appreciated. The course, beginning with the history of ethical ideas and conceptions, proceeds with the psychology and philosophy of ethics, to the development of a theory of ethics and the application of this theory to life, political and social, family and individual. Second semester, three hours a week.

II. Elective. Philosophy.—The course in Philosophy proper runs through the Junior and Senior years. Its aim is threefold: first, to show the nature and methods of philosophy, its reason for being, departments, and more important problems; secondly, to show the course of development and the present condition of philosophy; thirdly, to arouse a permanent interest in philosophical studies.

The following is a brief survey of the course, which will be varied from year to year. The time assigned to the various subjects is only approximate:

1. History of ancient and mediaeval philosophy;

readings in Plato and Aristotle. First semester, three hours a week.

2. History of modern philosophy through Kant. Special attention will be given to English philosophic thought and to Kant. History of philosophy since Kant, with reference to the trend of thought at the present day. Second semester, three hours a week.

3. Supplementary to the History of Philosophy a short series of lectures in defense of philosophy, and on its nature, departments and problems are given.

The above courses are open to Juniors and Seniors.

4. All or nearly all of the second year of this course is given to a critical study of one or more of the great systems in their more interesting aspects, or to the study of the great problems as they are presented in the best current philosophical publications. Three hours a week through the year. Open to Seniors.

POLITICAL SCIENCE.

I. Required.—1. **Political Economy.**—A general survey is taken of the history, theories and generally accepted principles of Political Economy. A standard text-book such as Gide or Fettes, is used, supplemented by collateral studies, in Adam Smith, Mill, Ricardo, Walker, articles in cyclopedias, etc. Two hours a week through the junior year.

2. **Sociology.**—Under this head is included the history, various theories and principles of sociology. Important aims are, to show the extent of the field, to arouse an interest in the study, and to help to correct methods of sociological investigation. Wright's Practical Sociology is used as a text-book, but the systems of sociology as presented in Spencer, Ward, Giddings,

Bascom, Henderson and others are presented and discussed. First semester, two hours a week. Senior year.

3. **The Constitution of the United States.**—This course contemplates three things: First, to trace the origin of the constitution, and the causes which led to its adoption; secondly, to follow the development of constitutional theory and law; thirdly, to study and interpret the document itself. Second semester of the senior year, two hours a week.

II. Elective.—1. **Political Economy.**—In the elective course substantially the same ground is covered, but more attention is given to the historical development of the science, and to the application of sound principles to current economic questions. Two hours a week through the senior year.

2. **History of Civil Government.**—The State, by Professor Wilson, is used as a text-book, with collateral study of constitutions. The aim is to trace clearly the great and distinctive features in the government of the leading European nations. Senior year, two hours a week.

3. **International Law.**—A brief course in the outlines of this important subject offered to meet the interest arising from our wider international relations.

CHEMISTRY.

I. General Inorganic Chemistry. Required.—The course includes a thorough study of the principal elements and their compounds, their occurrence in nature, preparation in the laboratory, etc.; also an introduction to the study of qualitative analysis. Sophomore year, six hours a week, counted in the course as three.

II. Qualitative Analysis. Elective.—Lecture and laboratory work, including the detection and separation of the metals, and the identification of the acids. Open to those who have completed course I. Six hours a week, counted in the course as three.

III. Organic Chemistry. Elective.—Lecture and laboratory work. This course includes a study of the alipratic and aromatic series with a preparation of the more important compounds. Open to those who have completed course I. Six hours a week, counted in the course as three.

The chemical laboratory is well equipped for thorough work in the courses offered. Especial attention will be given to a scientific method of observation and interpretation of results. Each student will make a complete and systematic record of all his investigations.

PHYSICS.

Required.—Course I.—This course includes a study of mechanics of solids and fluids; also a thorough study of magnetism and electricity. Course I. of mathematics is required for admission. One year, four hours a week, two of which are spent in recitation and lecture, and two in laboratory work. Counted in the course as three hours.

Elective.—Course II.—This course includes a thorough study of heat, light and sound. One year, four hours a week, two of which are spent in recitation and lecture, and two in laboratory work. Counted in the course as three hours.

The apparatus has been increased considerably dur-

ing the last few years, and is amply sufficient for strong courses in the subjects offered.

GEOLOGY.

Required.—The method of study is by text-book and assigned topics.

In addition to the usual class-room work, students are expected to gather specimens, and, as far as time will permit, to make field excursions, so as to become familiar with our local geology. The library contains the reports of the state geologist of Minnesota and other valuable works on the subject. The college collection of specimens, though not large, numbers several hundred, and is excellent. One semester, four hours a week. Senior year.

BIOLOGY.

I. Botany.—Anatomy and physiology of plants, and a brief course in microscopical methods and histology of plants. Lectures, laboratory and field work.

II. Zoology.—A study is made of the typical forms of animal life, beginning with the simplest and following in order with the higher forms. Lectures, laboratory and field work.

Course I is required of all scientific freshmen and is open to sophomores of other courses.

Course II. Open to sophomores of scientific course.

The laboratory is well equipped with microscopes and necessary supplies.

MATHEMATICS.

I. Required.—1. **Higher Algebra.**—A rapid review is made of simple equations, ratio and proportion, pro-

gressions and quadratics. The greater part of the term is devoted to infinitesimal analysis and development of binominal formula, logarithmic series and Taylor's formula.

2. **Trigonometry.**—An attempt is made to give the student a clear understanding of the trigonometric functions, the development of formulae and application to solution of problems. In spherical trigonometry the principal formulae are developed and applied to solution of triangles. Fourteen weeks, four hours per week.

3. **Analytic Geometry.**—A brief study is made of rectangular and polar co-ordinates, transformation of co-ordinates, development of equations of principal curves. Ten weeks, four hours per week.

II. Elective.—1. **Analytic Geometry.**—This subject is continued for ten weeks, three hours per week.

2. **Calculus.**—One semester is devoted to the differentiation of the various functions, expansion of functions, indeterminate forms, direction of curve, maxima and minima. A half year is devoted to the development of the fundamental integral forms and their application to determining areas and rectification of plane curves. Open to those who have completed the required course. Twenty-six weeks, three hours a week.

3. Advanced courses in Mathematics will be offered to those wishing to continue the study.

ASTRONOMY.

Required.—The time allotted to this branch is divided between mathematical and descriptive astronomy. Careful attention is given to the solution of the mathematical problems. Some time is given to the study of

the heavens to enable the student to become acquainted with the names and positions of the principal constellations. One semester, four hours a week.

PEDAGOGY.

Elective.—The course in pedagogy offers to those who look forward to teaching a comprehensive survey of the principles of their profession, and, to all, a study in the educational aspect of those principles which have characterized the conscious spiritual advancement of the race. The course comprises two divisions, each covering a year's work.

1. **History and Modern Systems of Education.**—The general history of education, the history of education in the United States, and the educational systems of the leading European states are intended as introductory. These lead to an understanding of the progressive development of the science, and of our present position, as well as open the treasures of educational thought and literature. Open to Sophomores, three hours a week.

2. **Psychology and Philosophy of Education.**—The course in psychology applied to education aims to develop the pyschological insight of the teacher and to furnish him with a correct basis of judgment and suggestion as a practical teacher. The course in the philosophy of education aims to reach some general conclusions as to the significance of human life and activity, and to develop a sense of the organized unity of education, its limits, ideals, values and of the place of education in the general system of life.

It is recommended that students intending to take this course should take first the elective in the history of philosophy. Open to Seniors, three hours a week.

BIBLE AND APOLOGETICS.

The Bible has been given a prominent place in the college curriculum. It is deemed by the founders of the college to be the most important book in the whole range of literature; to furnish the most instructive biographies and histories; to contain a literature both in prose and poetry of unrivaled excellence; to be the only revelation of a perfect law and of a perfect gospel, and to be one of the principal agencies in the development of true moral character.

The Aim.—It is the aim of this department to aid the students in understanding and appreciating the manifold excellences that have secured for the Bible the title of The Book. The needs of those who are looking forward to evangelistic work, or engaged in it, are kept somewhat in view.

I. Required.—The Bible is a required study in the freshman and sophomore years.

1. **The Life of Christ.**—The design is (1) to make the students fairly familiar with the geographical, political, religious and social environment of His life; (2) to acquire a knowledge of the unfolding of the life within that environment; (3) to study His teachings. Freshman year, one hour a week.

2. **Apostolic History.**—This embraces the founding and growth of the Christian church, the travels and letters of St. Paul. The aim is to trace the development of the Christian church in Jerusalem, Judea, Samaria, and throughout the Roman Empire. Sophomore year, one hour a week.

3. **Apologetics.**—This course aims chiefly at two things:

First, a brief exposition of Christian theism and an exhibition of its superiority in philosophy and in practice to the various opposing theories; deism, pantheism, materialism and agnosticism.

Secondly, a summary of the argument for historical Christianity and an examination of criticisms and objections, especially those of our own day. First semester, three hours a week.

II. Elective.—1. **Literary Study of the Bible.**—The subject is offered to juniors or seniors twice a week. Dr. Moulton's text-book is used for a guide and is followed by the literary and exegetical study of some masterpieces, as Isaiah, Job, or some of the Psalms. This year Job has been the subject of study, and the careful analysis of his thought and of the elements of his style has been pursued with deepening interest.

Open to Juniors and Seniors, two hours a week for one year.

2. **Greek Testament.**—This is offered to seniors and juniors three times a week. Usually more than one-half of the New Testament is read, aside from the Gospels, a part of which are read at sight.

3. **Hebrew.**—Offered to seniors and juniors three times a week. Several of the first chapters of Genesis are read with mastery of the vocabulary and the syntactical principles involved.

ATHLETIC FIELD.

Dramatic Art.

The department is under the direction of Miss Grace Whitridge, a post-graduate of the Boston School of Oratory, and a graduate of the National Conservatory of Dramatic Art of New York.

1. **Method.**—The system of training is based upon the principles taught at the Conservatoire in Paris.

"Every art must have an underlying science. Creation is the exponent of supreme power and wisdom. Art is the exponent of all human power and knowledge. Science is systematized knowledge. Elocution is both a science and an art. As a science it recognizes emotion, dissects it, arranges it and presents for study the factors which produce it. As an art it puts into practice the appropriate, natural and artificial means by which emotion can be expressed. This being understood, the student of acting or of elocution is taught that emotion is the expression of a sensation aroused by some external circumstance, and he is made to analyze and represent the physical effects which the various emotions in nature produce, and the natural language by which they express themselves."

2. **The aim** of the work is to teach the students scientific principles and to give them artistic and practical training which will enable them to avoid all affectation and rant, all mere trickery and striving for effect. Every pupil must pass a prescribed percentage to entitle him or her to a public appearance.

3. **Outline of Study—**

(1) Breathing, Voice Production—Theory, practice.

Science and art of elocution in its relation to reading, recitation and oratory—Factors of expression.

(2) Analysis of Emotions—Theory, practice.

Physical Training—Pose, gesture, facial expression.

Analysis and rehearsing of one Shakespearean play.

Bible reading.

Required.—Elocution is required in the freshman and sophomore classes. Students taking elocution will be required to pass examinations as in the case of other studies.

Art.

For students who wish to devote a part of their time to the study of Art satisfactory arrangements are made with the St. Paul School of Fine Arts. Rates of tuition will be furnished on application.

This school is located at 48 East Fourth, about thirty minutes from the college and within one block of the street car line that runs through the college grounds. The officers of the school are: Mrs. Herbert Davis, President; Miss Clara Sommers, Secretary; Miss Anna Carpenter, Treasurer. The Director is Miss Bonta, of New York City.

The school opens October 1st and closes June 1st. The schedule of hours is: Morning, 9 to 12; afternoon, 2 to 5; evening, 7 to 9:30.

Classes are conducted as follows: Life Class, Class in Antique and in Design. There is also a class in Out-of-Door Sketching in fall and spring. For further information address Miss Bonta, School of Fine Arts, St. Paul, Minn.

SCHOOL OF MUSIC.

Music.

The students of music are under the instruction of Professor Harry E. Phillips, of St. Paul. Mr. Phillips has had the advantage of thorough training both at home and abroad. He spent four years of study in Stuttgart, Germany, under Professors Speidel (piano), Breed (voice), Faisst (organ) and Goetschius (harmony).

Since his return in 1889 he has been successfully engaged in the teaching of music in the city of St. Paul, and has been prominently identified as a baritone and director of music with various important churches of the city, namely: Dayton Avenue Presbyterian, St. Luke's Catholic, People's Church, St. John's Episcopal, Jewish Synagogue.

Associated with Professor Phillips, and having especial charge of the preparatory work in piano, is Mrs. Harry E. Phillips, pupil of Prof. O. S. Adams, and G. H. Fairclough. She has made a thorough study of the piano, and is exceptionally well qualified to carry on all of the preliminary work, which is of so great importance to the student and the value of which is so often underestimated. This preliminary work includes the study of perfect hand position, the thorough knowledge of time, the study of phrasing and accentuation, etc.

The Place of Music.—Music has been viewed too much as a mere accomplishment. It has come to be recognized, rather, as having high educational value and as constituting an important part of a complete education.

Music as an Elective.—To encourage the more thorough study of music, students are permitted to take advanced work in music, in the junior and senior years, subject to the approval of the faculty, in lieu of some other elective.

The Course of Study pursued embraces the following branches:

Piano-forte, vocal culture, organ, violin and other stringed instruments, harmony, counter-point, and general musical theory.

Piano.—It is the aim of this department to make thorough pianists. Modern science has accomplished much in the study of the arm, wrist, knuckles and fingers, involving many new motions and combinations for controlling touch and technique. Much disappointment and misdirected effort can be spared by proper attention to the details at the outset. Pupils are expected to study harmony, musical analysis, and the correct reading of all signs of expression, phrasing, dynamic values, touch, proper use of the damper pedal, etc.

All students upon entering the School of Music will be examined by Professor Phillips and properly classified. Examinations will also be made by him from time to time of pupils in the preparatory school.

The preparatory course takes the student from beginning through "Mason's Touch and Technique," Book 1; Douvenoy, Opus 120; Lorschom, Opus 65; Bach, 2 part inventions; easy sonatas by Haydn, Mozart, Kullak and Clementi.

The advanced work comprises the study of Bertini, Op. 29; Heller, Op. 45; Cramer, 50 studies, or Clemen-

ti's Gradus; Kullak, octave studies; sonatas by Mozart, Beethoven; Mendelssohn's Songs without Words; Chopin's preludes, mazurkas, nocturnes, etc.; Heller's Art of Phrasing; Bach preludes and fugues; a few of the Chopin studies, and the more difficult sonatas of Beethoven; selections from Chopin, Mendelssohn, Weber, Schumann, Schubert and others.

Graduate Course.—The more difficult Chopin studies; Bach, organ preludes and fugues, arranged for piano; concertos, and the more difficult selections, Beethoven, Mendelssohn, Chopin, Rubenstein and Henselt.

Voice Culture.—In the department of vocal music, those methods which experience justifies as being at once effective and artistic in their results, have been adopted. It is the policy to secure a systematic and thorough culture on the basis of the best Italian methods. All students are expected to pursue a course of theoretical study to perfect themselves in sight-reading and in all essential and practical details of the art, which are sometimes neglected in behalf of superficial and showy features.

Forward, high-placing and deep resonance of tone, is the true basis of voice work, special attention being paid to the breathing exercises.

The celebrated methods of Dellesedi, Shakespeare, and others are used; also Vocalisses, Concone, Sieber and Marchesi; songs by Lassen, Grieg, Bach, Gounod, Schubert, Mendelssohn, Wagner and others.

The Organ.—The course of study on this instrument will include Rinck's Organ School, Buck's Pedal Studies, Bach's Preludes and Fugues, Mendelssohn's Sonatas. Registration, and playing of church music will

receive special attention. Students have access to a fine pipe-organ with two manuals.

The study of harmony, counter-point, etc., is obligatory on the part of those who receive certificates or diplomas. Certificates will be awarded at the close of the first and second years, and a diploma at the close of the third year, to pupils who pass the regular examinations in their respective classes.

Sight Reading.—Classes free for those who wish to take up the work.

History of Music.—In the study of the history of music Mathew's Popular History of Music and Fillmore's Lessons in Musical History are used. Students also have access to all of the best and most complete works bearing on the study of the voice and piano.

Satisfactory provisions will be made for any who wish to take lessons on the violin or other string instruments.

Recitals in both vocal and instrumental music are given from time to time, in which all musical students are required to participate. There is opportunity every season to hear three of the great oratorios rendered by the St. Paul Choral Club, 150 voices. Students sufficiently advanced in music may become members of this club, or of the Schubert Club, on recommendation of Professor Phillips, on payment of a fee of three dollars. The past year a number of the music students have enjoyed the advantage of membership in one or other of these clubs.

College Chorus.—The College Chorus, begun modestly about four years ago, has grown to a strong enthusiastic organization of sixty voices. On April 16 it was

greeted enthusiastically by an audience that completely filled the House of Hope. In May it gave a mixed program of sacred and secular music in Hastings that was highly appreciated. On the evening of May 28 it appeared by invitation of the pastor in Westminster Church, Minneapolis, in a program of sacred music. The Chorus, most of whose members had little musical training on entering, shows how much can be accomplished by earnest, conscientious work in a short time.

Those students doing preparatory work wishing to study with Mr. Phillips, may do so by paying the prices for advanced work.

Harmony will be taught in classes at a nominal price.

The cost of sheet music for a year is comparatively small, as reduced rates are given the students.

Students in music should set aside a certain sum each term for the purpose of hearing the best musical talent in vocal, piano, and orchestral concerts that comes to the city.

Music students are required to take studies in the College or Academy to the number of five hours a week without extra charge.

Music, instrumental or vocal, may be taken as an elective in the junior and senior year, provided the student is sufficiently proficient to do advanced work. A minimum of not less than six hours a week must be devoted to the study and it will not be accepted for more than two periods or credits per week. The fitness of the student to take this elective will be determined by examination, and the expense of the instruction must be borne by the student.

The Study of Church Music.—For students who desire special training in church music, appropriate

courses will be carried out. The wide experience of Professor Phillips in such music fits him peculiarly for this work.

Violin.—Instruction on the violin is given by Professor William Nelson, of St Paul, one of the most competent teachers in the city.

Programme of Graduating Exercises, June 6, 1905.

Miss Deacon Songs	a "Life Lesson" .....Nevin b "Visitors" .....Herbert
Miss Birkett Song	"My Redeemer and My Lord".....Buck
Miss Johnson Piano	a "Reverie," Op. 34.....Shutt b "Minuett" .....Paderewski
Miss Neeb Songs	a "My Mother Bids Me Bind My Hair"— Haydn b "O, Divine Redeemer".....Gounod
Mrs. Amos Piano	"Sonata" (Moonlight) .....Beethoven Adagio sostenuto. Allegretto. Presto agitato.
Miss Mahlum Songs	a "When the Land Was White With Moonlight" .....Nevin b "O, for a Burst of Song".....Allitson
Mr. Jones Song	"Hybrias, the Cretan" .....Elliott
Miss Roberton Songs	a "Time Enough" .....Nevin b "The Silver Ring".....Chaminade c "The Lass With the Delicate Air"....Arne
Mr. Rusterholtz Songs	a "Honor and Arms".....Handel b "Even Bravest Hearts".....Gounod
Miss Taylor Aria	"Hear ye, Israel".....Mendelssohn (From Elijah)
Mrs. Amos Piano	a "Etude," Op. 25, No. 9.....Chopin b "Etude," Op. 10, No. 12.....Chopin
Miss Taylor Songs	a "Mr. Dreammaker" .....Woodman b "Who'll Buy My Lavender".....German c "He Is Kind, He Is Good".....Massenet
Mrs. Amos Piano	a "Waldesrauschen" .....Liszt b "Hark, Hark, the Lark"....Schubert-Liszt c "Novelette" .....Schumann

Terms.—Piano, Preparatory:

Fall term, two lessons a week	$21.00
Fall term, one lesson a week	12.00
Winter term, two lessons a week	18.00
Winter term, one lesson a week	10.00
Spring term, two lessons a week	15.00
Spring term, one lesson a week	8.00

Piano, advanced, voice, or organ:

Fall term, two lessons a week	35.00
Fall term, one lesson a week	18.00
Winter term, two lessons a week	30.00
Winter term, one lesson a week	15.00
Spring term, two lessons a week	25.00
Spring term, one lesson a week	13.00
Rent of Piano for practice, per term, one hour per day	2.00
Two hours per day	4.00
Three or more hours per day	6.00
Incidental fee each semester	5.00

COLLEGE TEXT-BOOKS.

MATHEMATICS.—Olney's University Algebra, Bailey & Woods' Analytic Geometry, Osborne's Differential and Integral Calculus, Wentworth's Trigonometry.

ENGLISH.—Baldwin's Manual of Rhetoric, Sweet's Anglo-Saxon Primer and First Middle English Primer, Brooke's Primer of English Literature, with full text of Matthew Arnold, Chaucer, Spenser, Shakespeare and Milton; from Milton to Tennyson by Syle, Elements of Literary Criticism by Johnson, Modern Specimens of Argumentation by Baker, Introduction to Browning by Corson.

LATIN.—Harkness' Complete Grammar, Prichard and Bernhard's Pliny's Letters, Westcott's or Lord Livy, Hopkins' Tacitus. Any standard edition of the other authors may be used.

GREEK.—Liddell & Scott's Intermediate Greek Lexicon, Hadley-Allen's Greek Grammar with Goodwin for reference, Haigh's The Attic Theatre and The Tragic Drama of the Greeks, Strachan's, Herodotus, Williams' Lucian, Seymour's Iliad, Tyler's Demosthenes, Kitchel's Plato's Apology.

GERMAN.—Joynes-Meissner's Grammar, Harris' German Composition, Thomas' Faust, Part I., Soll und Haben, Das Lied von der Glocke, Der Lindenbaum, Bernhardt's Deutsche Litteraturgeschichte, Baumbauch's Schwiegershon and Die Nonna, Scheffel's Ekkehard, Stern's Aus Deutschen Meisterwerken, Maria Stuart, Minna von Barnhelm, Nathan der Weise, Iphegenie, Johannes, Klenze's Deutsche Gedichte, Harzreise, Die Journalisten, Der Bibliothekar, Die Versunkene Glocke, Egmont, Die Jungfrau von Orleans, Schiller's Thirty Years' War, Freytag's Aus dem Jarhundert des grossen Kreiges, Ein Kampf um Rom by Dahn, Doctor Luther.

FRENCH.—Fraser and Squair's Grammar, Sym's Letters of Madame de Sevigne, Le Cid, Picciola, Histoire de France, Guerber's Contes et Legendes, Part I, Racine's Iphegenie.

HEBREW.—Harper's Inductive Method and Manual, Davies' Complete Hebrew and Chaldean Lexicon.

LOGIC.—Hyslop; for reference Mill, Jevons, Hamilton, Venn, Sigwart.

PSYCHOLOGY.—James' Principles; for reference Baldwin, Ladd, Hoeffding, Sully.

ETHICS.—Paulsen's System of Ethics; for reference Green, Martineau, Sidgwick, Porter.

PHILOSOPHY.—History of, Weber; James' The Will to Believe.

POLITICAL SCIENCE—Gide's Principles of Political Economy; for reference and outlines, Mill, Ricardo, Adam Smith, De Laveleye, Walker and others; Davis' Elements of International Law.

SOCIOLOGY.—Wright's Practical Sociology; for reference and outlines, Spencer, Ward, Giddings, Bascom, Henderson and others.

HISTORY OF CIVIL GOVERNMENT.—Wilson's The State, Constitutions edited by F. A. Cleveland, Constitution of the United States by Hinsdale.

CHEMISTRY.—Newth's Inorganic Chemistry, Noyes' Qualitative Analysis, Remsen's Organic Chemistry.

PHYSICS.—Watson.

GEOLOGY.—Le Conte's Elements and others for reference.

BIOLOGY.—Shipley & McBride's Zoology, Vine's Elementary Botany.

ASTRONOMY.—Young's General.

BIBLE.—Revised Version. Stevens and Burton's Harmony of the Gospel with notes, Burton and Matthew's constructive studies in the Life of Christ, Purves' Christianity in the Apostolic Age, Wescott and Hort's Greek Testament, Moulton's Literary Study of the Bible, Bruce's Apologetics.

PEDAGOGY.—Bolton's Secondary Education in Germany, Horace Mann by Hinsdale, Davidson's History of Education.

CLASSICAL ACADEMY.

The Academy.

Faculty.

JAMES WALLACE, PH. D., PRESIDENT OF COLLEGE.

EDWARD C. DOWNING, PH. D., PRINCIPAL.
Latin.

JULIA M. JOHNSON, A. M.
English.

DAVID NEWTON KINGERY, A. M.
Biology and Physiology.

REV. HENRY D. FUNK, A. M.
German.

RICHARD U. JONES, A. B.
Mathematics and Physics.

REV. A. CARDLE, A. B.
Bible.

FREDERICK G. SEXTELL, A. M.
Greek.

FLOYD T. VORIS.
History and Physical Geography.

MRS. H. E. PHILLIPS.
Music.

GERTRUDE CRIST.
Typewriting and Stenography.

DANIEL G. LE FEVER.
Assistant in Latin.

CLYDE R. CHAPIN.
Commercial Law.

MARIE G. JAMIESON.
Assistant in Latin.

Admission and Courses.

The purpose of the Academy is to prepare thoroughly for the standard courses in any college, and to provide a good general education for those who cannot continue their studies further.

The languages of the Ancient Classical Course are Latin and Greek; of the Modern Classical, Latin and German. The Scientific substitutes science for the Latin of the senior year of the modern Classical.

Besides the above, a course including **Commercial Studies** is offered. In this course, commercial studies, such as commercial arithmetic and geography, commercial law, business correspondence, stenography and typewriting, etc., are substituted for the Latin and German of the Scientific.

Requirements for Entrance. All applicants for admission to the first year class are examined in Orthography, elementary English and Arithmetic (through factoring), descriptive Geography, and United States History. Applicants for admission to higher classes will, in addition to the above, be examined in the studies of the classes below that for which they apply. Certificates are accepted in lieu of examinations in so far as they represent equivalents in time and in work of studies prescribed in the academic courses.

Students should bring with them certificates of standing and grades in schools from which they may come, stating the text-books used and the amount of time spent upon each study. These certificates will be accepted in so far as they represent an equivalent of work.

SYNOPSIS OF ACADEMIC COURSES OF STUDY.

FIRST YEAR. (One Course.)

First Semester:		Second Semester:	
English Grammar	4	English Grammar	4
Latin Lessons	5	Latin Lessons	5
Physical Geography	2	Physical Geography	3
Arithmetic	5	Civics	3
Bible	1	Bible	1

SECOND YEAR. (One Course.)

First Semester:		Second Semester:	
English	4	English	4
Latin: Cæsar	5	Latin: Cæsar	5
Algebra	4	Algebra	4
History: English	3	History: Roman	3
Bible	1	Bible	1

JUNIOR YEAR.

Ancient Classical.

First Semester:		Second Semester:	
Greek	5	English	2
English	2	Latin	4
Latin	4	Greek	5
Algebra	4	Geometry	4
History: Greek	2	History: Greek	2
Bible	1	Bible	1

Modern Classical.

First Semester:		Second Semester:	
German	5	German	5
English	2	English	2
Latin	4	Latin	4
Algebra	4	Geometry	4
History: Greek	2	History: Greek	2
Bible	1	Bible	1

Scientific.

First Semester:		Second Semester:	
English	2	English	2
Latin: Cicero	4	Latin: Cicero	4
German	5	German	5
Algebra	4	Geometry	4
Physiology	3	Botany	3
Bible	1	Bible	1

SENIOR YEAR.

Ancient Classical.

First Semester:		Second Semester:	
Greek	5	English Lit.	2
English Lit.	2	Latin: Virgil	4
Latin: Virgil	4	Greek: Anabasis	5
Geometry	4	Geometry	3
Science: Physics	2	Science: Physics	2
Bible	1	History: Mod	2
		Bible	1

Modern Classical.

First Semester:		Second Semester:	
German	5	German	5
English Lit.	2	English Lit.	2
Latin	4	Latin	4
Geometry	4	Geometry	3
Science: Physics	2	Science: Physics	2
Bible	1	History: Mod	2
		Bible	1

Scientific.

First Semester:		Second Semester:	
English Lit.	2	English Lit.	2
Science: Zoology	3	Science: Zoology	3
German	5	Science: Physics	2
Geometry	4	Geometry	3
Science: Physics	2	German	5
Bible	1	History: Mod	2
		Bible	1

Particular Description.

ENGLISH.

The academic course in English prepares for college entrance and at the same time offers a course somewhat complete in itself.

First Year. The first year is devoted to the study of grammar, sentence analysis and composition, including punctuation, capitalization, etc. One year, four hours a week.

Second Year. In the second year the text used is Herrick and Damon's Rhetoric. Special emphasis is placed upon the study of words, figures of speech, elements of sentence and paragraph structure. Models from the required list of authors are studied. As a means of gaining facility, precision and force of expression, students are required to prepare one or more short themes weekly. One year, four hours a week.

Junior Year. During this year composition is continued, with analysis of masterpieces in the uniform admission requirements. Training in discussion and debate. One year, two hours a week.

Senior Year. In the Senior year Painter's Introduction to English Literature is the text-book. Subjects for composition are taken from the required reading. Much attention is paid to the application of sound principles of criticism to the literature read. One year, two hours a week.

For the literature to be read before entering the freshman class, see English required for entrance.

MATHEMATICS.

The course in Mathematics includes Arithmetic, Algebra, and Geometry.

Arithmetic is studied throughout the first year. Great familiarity with the elementary principles is required, and abundant practice in the solution of problems is given. Those who take the Business course will have special instruction in Commercial Arithmetic.

Elementary Algebra is taken up at the beginning of the second year and is continued throughout the year, reciting four times a week. The aim is to ground the student thoroughly in the fundamental operations of Algebra which lies at the basis of the Mathematical course.

Advanced Algebra. The work of the Junior year in Algebra carries the student through quadratic equations.

Geometry is begun in the second semester of the Junior year and continued through the Senior year. Students are required not only to master the text-book, but also to solve numerous original problems and theorems. Four hours a week.

LATIN.

Latin is a required study in each of the academic courses. During this time the student is expected to acquire a large vocabulary, a wide knowledge of the rules of syntax, and the ability to convert English into the Latin idiom. These things furnish an indispensable basis for the work pursued in the college classes. Special attention is given to the forms and structure of the language, which are studied by severe methods of

both analysis and synthesis. The grammar is thoroughly studied, and the memory is helped by a rational explanation of forms.

Latin Lessons. The First year is spent in the study of the declensions and conjugations, syntax and vocabulary, in making translations daily to and from the Latin, and in conversation. Five hours a week.

Caesar and Composition. The second year is devoted to careful and thorough study of Caesar and composition. Five hours a week.

Cicero and Composition. The Junior year is devoted to Cicero, composition, and a more thorough study of the grammar. Four hours a week.

Virgil. The Senior year is devoted to Virgil. The Aeneid is studied both textually and as literature. Four hours a week.

GREEK.

Greek is a required study in the Ancient Classical course.

1. **Lessons.** The aim of the first year's study of Greek is to master the elements, six hundred to eight hundred carefully selected Greek words, and two or more chapters of the Anabasis. The method followed, after the more important paradigms are mastered, is in the main inductive. Five hours a week.
2. **Anabasis and Composition.** In this year an effort is made to read thoroughly four books of the Anabasis. The reading is accompanied with prose exercises and sight-reading in the fifth and sixth books. Special effort is made to master a large vocabulary. Five hours a week.

GERMAN.

German is a required study in the Modern Classical course.

First Year.—(a) Grammar, Spahnhoofd, (b) Glueck Auf. First semester, five hours a week.

(a) Grammar continued, (b) Short stories, sight reading. Second semester, five hours a week.

Second Year.—(a) Easy German Stories, Allen & Batt, (b) Grimm's Maerchen, (c) Stern's Geschichten vom Rhein. First semester, five hours a week.

(a) Storm's Immensee, (b) Herman und Dorothea, (c) Stein's German exercises once a week throughout the year.

HISTORY.

History. The aim of this department is the acquisition by the student of such historical knowledge as will be a necessary element in general culture and a solid foundation for further studies in history. The method of teaching employed is that of the text-book with assigned topics for investigation. The course laid out falls under four heads, as follows:

English History. Second year, first semester, three hours a week.

Roman History. Second year, second semester, three hours a week.

Greek History. Third year, two periods a week.

Medieval and Modern History. Senior year, second semester, two hours a week.

With a view of deepening the interest in these subjects, it is proposed to give a course of illustrated lectures on Greek and Roman art.

SCIENCE.

The Academic or preparatory course in elementary science covers a period of three years, and embraces:

Physical Geography, one year, two periods a week.

Physiology, one-half year, three periods a week.

Zoology, one-half year, three periods a week, or

Chemistry, one year, six hours a week.

Botany, one-half year, three periods a week.

Physics, one year, two hours a week.

Students of these branches have access to the apparatus and laboratories of the collegiate department.

It is expected that during the coming year substantial additions will be made to the physical and biological laboratories, and everything possible will be done to keep the department of science abreast of the times.

Commercial Course.

FIRST YEAR.

English Grammar, 4.
Commercial Arithmetic (1st Sem.) 4.
Civics (2nd Sem.) 3.
Commercial Spelling (1st Sem.) 4.
Physical Geography, 3.
Penmanship, 4.
Bible, 1.

SECOND YEAR.

Commercial Geography, 3.
Bookkeeping, 5.
Rhetoric, 4.
Commercial Law, 2.
Penmanship, 4.
Bible, 1.

THIRD YEAR.

Shorthand, 5.
Typewriting, 5.
Business Correspondence, 2.
Junior (Acad.) English, 2.
English History (1st Sem.) 3.
Modern History (2d Sem.) 3.
Bible, 1.

On the satisfactory completion of this course a diploma will be given. For this a charge of $2.50 is made.

Students who have already completed some of the above studies may elect a course covering one year, on completion of which a certificate will be given attesting the work done.

Course of Study.

Graham's Standard Phonography is the system taught. There are other systems easier to learn, but, so far as demonstrated, there is no system that outranks it in speed, legibility and all-round utility. This system is used by more than fifty per cent. of all court reporters in the United States. We do not aim to compete with the "short term" schools, for the average student requires from six to twelve months to reach a speed of one hundred to one hundred and twenty-five words a minute in shorthand, new matter, and from thirty-five to forty words a minute on the typewriter on matter transcribed from notes.

The fees are the same as in the Academy. See page 76.

Students who are pursuing collegiate or academic courses may take the shorthand without extra charge if this can be done without prejudice to their class standing.

Students may enter bookkeeping at any time in the year and the progress depends entirely upon their ability and the time devoted to the study.

TEXT BOOKS.

MATHEMATICS.—Packard's Commercial Arithmetic, Wentworth's School Algebra, Olney's University Algebra, Wentworth's Geometry.

ENGLISH.—Powell and Connolly's English Grammar, Herrick & Damon's Rhetoric, Painter's Introduction to English Literature, College Entrance Requirements.

LATIN.—Harkness' Complete Latin Grammar, Smiley & Storke's Beginning Latin Book, Pearson's Prose Composition, Harkness & Forbes' Caesar, Harper's & Gallup's Cicero, Frieze's or Knapp's Virgil.

GREEK.—Hadley-Allen's Grammar, Harper & Wallace's Anabasis, Ball's Elements of Greek, Jones' Prose Composition.

GERMAN.—Spahnhoofd's Grammar and Stein's Exercises, Part II., Glueck Auf, Allen & Batt's Easy German, Vol. I., Stern's Geschichten vom Rhein, Storm's Immensee, Wildenbruch's Harold, Grimm's Maerchen, Wm. Tell, Der Prozess by Benedix, Seeligmann's Altes und Neues, Deutsche Gedichte by Mueller, Hermann und Dorothea.

HISTORY.—Coman & Kendall's English History, Morey's Greek History, Morey's Outlines of Roman History, Munro and Whitcomb's Mediaeval and Modern History.

SCIENCE.—Dryer's Physical Geography, Carhart & Chute's Elements of Physics, Blaisdell's Physiology, Williams' Chemistry, Coulter's Plants, Orton's Comparative Zoology.

CIVICS.—Fiske's Civil Government in the United States.

BIBLE.—American Revision, Aglen's Old Testament History.

COMMERCIAL STUDIES.—Ellis System of Bookkeeping, Williams & Roger's Commercial Law, Day's Shorthand, Loomis' Practical Letterwriting, Seventy Lessons in Spelling.

CHORUS.

Expenses.

The students' fees are paid as follows:

College—At the fall opening.....	Tuition,	$12.00
	Incidental fee,	4.00
" After the winter vacation...	Tuition,	10.00
	Incidental fee,	4.00
" After the spring vacation...	Tuition,	10.00
	Incidental fee,	4.00
Academy—At the fall opening.....	Tuition,	10.00
	Incidental fee,	3.00
" After the winter vacation.	Tuition,	8.00
	Incidental fee,	3.00
" After the spring vacation.	Tuition,	8.00
	Incidental fee,	3.00

The incidental fee is charged to meet the expense of fuel and repairs, except that $1.00 of every incidental fee is devoted to athletic purposes.

Edwards Hall (for young men)—Board, per week, average	$2.35 to 2.50
Room rent, per week.....	.25
Light and heat, per week, estimated....	.25

All students boarding in Edwards Hall and Eutrophian Hall are charged ten cents a week for dining hall rent.

Eutrophian Club (for young men)—Board, per week	2.40 to 2.60
The Elms (for young women)—Board, per week	2.75
Room rent, per week, including light and heat, according to room occupied.....	.75 to 1.00
Plain washing, dozen pieces per week...	.25
Dormitory—Room rent, with light (but gas extra) and steam heat (inner rooms)..	.50

Corner rooms, each..... .75

Students rooming in the Dormitory board at Eutrophian, in private families or in Edwards Hall.

Private Families.—Board, per week.....$3.50 to 4.00

Room rent, per week..... .75 to 1.00

Students boarding themselves may reduce the cost somewhat.

Extra Charges—

Physical Laboratory, Academy, per semester..$1.00

Physical Laboratory, College, per semester.... 1.50

Analytic Chemistry, per semester..... 5.00

Biology, per semester..... 1.50

Breakage of apparatus in Laboratory...Actual Cost

College Diploma $5.00

Academic Diploma 2.50

Each student in the Dormitory or in Edwards Hall is required to deposit $2.00 as a guarantee against damage to college property, and to make it up to that amount at the opening of each semester thereafter. From this fund will be deducted (1) charges for repairing for which he is personally responsible; (2) charges (pro rata) for damages done in Dormitory or Hall by unknown hands. The surplus, if any, is refunded to the students at the end of the year, or when they leave the institution.

Payment of Fees: Tuition and incidental fees must be paid in advance in three instalments. See page 76.

No deductions are made except for sickness lasting a month or more or in case of those who enter after the middle of the term.

Refunding Tuition: If a student leaves the institution at any time after entrance without the approval of the faculty or because he has been suspended or dismissed no money will be refunded.

Payment of Room Rent: Room rent in the Dormitory and Edwards Hall is paid monthly in advance. Room rent and board in the Elms are paid monthly in advance.

No room rent is charged for the winter or spring vacations unless the rooms are occupied. But, except during these vacations, students are charged for their rooms till they are formally vacated, whether continuously occupied or not.

Half Rates: Sons and daughters of ministers are charged but half the usual rates of tuition. This concession is not limited to Presbyterian ministers.

All candidates for the ministry, of whatever church or denomination, receive tuition at half rates, upon the following conditions:

(1) Candidates for the Presbyterian ministry shall be under the care of Presbyteries, and shall present to the field secretary or collector certifications to this fact from the clerks of the Presbyteries.

Candidates for the ministry of other denominations shall have their purpose to enter the ministry properly certified to by the proper ecclesiastical authorities.

(2) All such students will be held in honor bound to refund to the college treasury the amount of tuition received in the event of their abandoning their purpose to enter the ministry.

(3) Reduced tuition shall not be provided for any

candidate for the ministry who indulges in the use of tobacco.

N. B.—The above concession, though made at a great sacrifice to the college, is offered cheerfully and with the purpose of enhancing, as far as possible, the usefulness of the college.

It is, however, justly expected of those who are thus helped that they will be faithful in promoting, as far as in their power, the welfare of the institution; and that they will complete their course of study at this institution.

Special Discount: Where more than one person from the same family attend college at the same time, a discount of twenty-five per cent. will be allowed on the tuition of each person after the first.

High School Scholarships: To the person graduating with first honor in any high school, the Board of Trustees will give a scholarship which entitles the holder thereof to free tuition for the ensuing year. To the one graduating with second honor, a half scholarship will be given, which entitles the holder to half tuition for the same time.

The same scholarships are offered those who are graduated from the Academy with first and second honors. This year these scholarships were awarded to Frank G. Fulton, of St. Paul, and Miss Anita Shepherdson, of St. Paul.

Furniture: All rooms are furnished with bedsteads (two-thirds size), mattresses, commode, bowl and pitcher, study-table, book-shelves and three chairs. Students in the Dormitory or Edwards Hall must provide

their own bed clothing, towels, napkins, lamps, brooms, and (if they want them) carpets or rugs.

Application: Application for room should be made as early as convenient to Professor Newton Kingery, enclosing $1.00, which will be applied on room rent. Applicants should state in which hall they desire a room. Rooms will not be held later than the opening of the term unless the room rent is advanced for the period of delay. In case applicants fail to come, the money advanced will not be returned.

SUMMARY OF EXPENSES.

The net expenses for the year, including washing (reckoned at $18.00), are estimated approximately as follows:

College ..... $200 to $225

Academy ..... 185 to 200

For those who receive tuition at half rates the above expenses are reduced about $15.00.

The above does not include books, traveling expenses, and pin money.

It is the policy of the College to keep down the expenses of the students to the lowest point consistent with healthful living, good taste and reasonable comfort.

TO PARENTS.

Parents are earnestly requested (1) to note the rule of the Board requiring the payment of tuition in advance; (2) to examine carefully the reports of standing sent out at the close of each term; (3) to furnish their sons with but little more money than is needed

to meet the necessary expenses as stated above. Students found to be spending money too freely will not be retained in the institution.

Parents and friends of the students are cordially invited to visit the College, when in either city, attend the classes and observe for themselves how the institution is conducted. Acquaintance with the parents of the students does much to deepen the interest of the professors in the welfare of the students, and often gives valuable insight into their character.

MACALESTER PARK AS A PLACE OF RESIDENCE.

Macalester Park is one of the pleasantest suburbs in St. Paul. It has excellent street car service, gas mains, and sewers and water mains are laid in the more important streets. Statistics show that St. Paul is one of the most healthful cities in America, and enjoys the advantage of a bountiful supply of pure water drawn from spring-fed lakes.

This summer Macalester Park will be connected with Minneapolis by a new and more direct street car line by way of Marshall avenue, St. Paul, and Lake street, Minneapolis.

Parents who contemplate moving to the vicinity of some seat of learning for the education of their children, are urged to consider the advantages of Macalester Park as a place of residence.

There is an excellent ward school in the neighborhood, and the local church heartily welcomes to its services all the residents of the Park.

Real estate in the Park is still very low—much low-

er in fact than in the larger towns and county seats of the state. Investments carefully made here could not fail to be very remunerative. Residence property can be bought at a very reasonable price.

Persons competent to give reliable information in regard to property in the Park are: Thomas Cochran, Endicott Building, St. Paul; P. T. Jackson, Gilfillan Block, St. Paul; and H. A. Campbell, German-American Bank Building, St. Paul.

GIFTS AND LEGACIES.

No more noble or fruitful legacy can be devised than that bequeathed to the distinctly Christian college. We can think of no way of perpetuating one's memory and usefulness that is so attractive as that which permanently attaches one's name to an institution of learning by some substantial gift or legacy. Though Macalester is still young it has already been the recipient of some gifts and legacies indicative of strong faith in the college and a high degree of interest in it.

Hon. Henry L. Moss, of St. Paul, who died in 1902, bequeathed his property to Macalester College for the benefit of the library, in which he had shown much interest. The estate is valued at several thousand dollars.

Mrs. Margaret S. Harsha, of Owatonna, before her death, bequeathed to the college an interest in her estate, which interest she valued at four thousand dollars.

Rev. Moses N. Adams, D. D., the well known pioneer missionary of the Northwest, bequeathed to the college an interest in his estate, which it is hoped will realize to the College fifteen hundred or two thousand dollars.

Rev. Charles Thayer, D. D., of Minneapolis, the beloved patriarch of the Synod of Minnesota, setting his house in order that he may be ready when the final summons of the Master comes, has turned over to the college one thousand dollars, which is to be held in perpetual trust by the college, the interest of which is to be devoted to the education of some worthy young man for the Christian ministry. This fund will henceforth be known in the records of the college as the Rev. Charles Thayer Scholarship.

Mrs. William Thaw, of Pittsburgh, known throughout the land for her large-hearted benevolence and interest in Christian education, has lately deeded to the college property for which she paid several years since thirty-two thousand dollars.

It greatly enriches a college to enshrine such names in its history.

To persons wishing to set some money apart for Christian education, two or three plans are open. One is to devise a legacy for the College in one's will. Another is to turn over the money to the College, provided that the donor receives the income during his or her lifetime. This is treating the College as a trust company. The third and best method, when possible, is to give the money outright to the College before old age draws on, and thus have the pleasure, in one's lifetime, of seeing the good it will do.

LEGAL FORM OF BEQUEST.

I give and bequeath to the Trustees of Macalester College of St. Paul, Minn., duly incorporated under the laws of Minnesota, the sum of ..... dollars.

.....

Roll of Students.

Senior Class.

John Thomas Anderson, a. c.....Chatfield, Minn.
Clarence Herbert Benson, a. c.....Minneapolis, Minn.
Earl Kenneth Bitzing, m. c.....Onigum, Minn.
Eugene Erwin Bromley, a. c.....Claremont, Minn.
Isabelle Alice Elmer, m. c.....St. Paul, Minn.
Asa John Ferry, a. c.....Drayton, N. D.
Thomas Edwin Flinn, m. c.....Redwood Falls, Minn.
Ledru Otway Geib, m. c.....Groton, S. D.
Mary Carnahan Guy, m. c.....St. Paul, Minn.
Marie Grace Jamieson, m. c.....Duluth, Minn.
Daniel Griffin Le Fever, m. c.....Jackson, Minn.
James Albert Slack, a. c.....St. Paul, Minn.
Robert Owen Thomas, a. c.....Lime Springs, Iowa.
Jane Turnbull, m. c.....St. Paul, Minn.

Junior Class.

Levi H. Beeler.....Minneapolis, Minn.
James Ekin Detweiler, a. c.....Louisville, Ky.
James Reid Hamilton, a. c.....Denbigh, N. D.
Roscoe Cliver Higbee, m. c.....Black Duck, Minn.
Alexander Hood, a. c.....Russell, Minn.
Rhoda Catherine MacKenzie, a. c..Minnetonka, Minn.
Paul H. Th. Rusterholz, m. c.....St. Paul, Minn.
Gustave Emil Shellman, a. c.....Amor, Minn.
Ruth Estelle Swasey, m. c.....Minneapolis, Minn.
Gordon Graham Thompson, m. c..St. Croix Falls, Wis.
Frank Harvey Throop, a. c.....Green Valley, Minn.
Margaret Turnbull, m. c.....St. Paul, Minn.
Douglas Warden, a. c.....Dunseith, N. D.

Sophomore Class.

Lucas Brinks, m. c.....Pease, Minn.
Ralph Brinks, m. c.....Pease, Minn.
James Albert Caldwell, m. c.....Chippewa Falls, Wis.
Otto Wilhelm Comer, m. c.....St. Croix Falls, Wis.
Robert William Davies, m. c.....Minneapolis, Minn.
Marshall Gregory Findley, a. c.....Spicer, Minn.
James Hamilton, a. c.....St. Paul, Minn.
Martha Antoinette Jacobson, m. c....St. Paul, Minn.
Henriette Lundstrom, a. c.....St. Paul, Minn.
David McMartin, a. c.....Claremont, Minn.
Carmen Mahlum, m. c.....Brainerd, Minn.
Rose Amelia Metzger, a. c.....St. Paul, Minn.
Richard Samuel Nutt, m. c.....Argyle, Minn.
Mary Pauline Payne, sci.....St. Paul, Minn.
Will Fred Pottsmith, m. c.....Minneapolis, Minn.
Stanley Hall Roberts, a. c.....Minneapolis, Minn.
Minerva Schlichting, m. c.....Gladstone, Minn.
Ruth Adelia Sherrill, m. c.....Minneapolis, Minn.
George Hill Smith, a. c.....Excelsior, Minn.

Freshman Class.

George Kemp Aiken, m. c.....Sandstone, Minn.
William Harvey Amos, a. c.....St. Paul, Minn.
Leda M. Beardsley, m. c.....St. Paul, Minn.
Hanna Sophy Berg, m. c.....Rush City, Minn.
Willa Conrad Bordwell, sci.....St. Paul, Minn.
Ernest C. Brown, m. c.....Minneapolis, Minn.
Richard Stanley Brown, a. c.....Tyner, N. D.
Edith Frederica Cale, m. c.....Worthington, Minn.
Flora May Campbell, m. c.....Halfway Brook, N. S.
David Arthur Clark, m. c.....Eden Prairie, Minn.
Clifford Clemment Cornwell, a. c.....St. Paul, Minn.
George Nelson Dayton, p.....Minneapolis, Minn.

Carl Simon Erickson, m. c.....Kasson, Minn.
Evan Milton Evans, m. c.....Le Sueur, Minn.
Rosella Evans, m. c.....Le Sueur, Minn.
Vernon Alexander Forbes, m. c...St. Croix Falls, Wis.
Marion Edith Giles, m. c.....Grafton, N. D.
Margaret Elizabeth Guy, m. c.....Austin, Minn.
James Todd Guy, m. c.....St. Paul, Minn.
Walter Mell Hobart, a. c.....Minneapolis, Minn.
Maud Lunette Hubbard, m. c.....Balaton, Minn.
Lucy Ma Belle Hyslop, m. c.....Chester, Minn
Arthur H. Jensen, m. c.....Kasson, Minn.
Irene F. Johnson, m. c.....Chicago, Ill.
Nina Johnson, m. c.....Fairmont, Minn.
Margaret May Kennedy, m. c.....Faribault, Minn.
Margaret Edith Lakey, m. c.....Buffalo, N. D.
Clara Lillian Lewis, m. c.....St. Paul, Minn.
Peter McEwen, a. c.....Cavalier, N. D.
Luke Edward Marvin, m. c.....Duluth, Minn.
Howard M. Nelson.....Kasson, Minn.
Martha Olson, a. c.....Battle Lake, Minn.
Violet Salisbury, m. c.....Henderson, Minn.
Lydia Anna Schroedel, m. c.....St. Paul, Minn.
Elizabeth Staples, m. c.....St. Paul, Minn.
Clarence Mason Stearns, m. c.....Jasper, Minn.
Edward Wright Vanderwarker, m. c...St. Paul, Minn.
Robert Sinclair Wallace, a. c.....St. Paul, Minn.

Special.

Joseph Winfred Chadderdon.....Redwood Falls.
Clyde Reston Chapin.....St. Paul, Minn.
Frank Milton Norton.....St. Paul, Minn.
William Paul Olson.....St. Paul, Minn.
Frank Carson Swaney.....Atkinson, Ill.
Gertrude Spencer.....St. Paul, Minn.

MUSIC STUDENTS.

Seniors.

Margaret Amos, p., h.....Crookston, Minn.
Grace Taylor, v., p., h.....Almora, Minn.

John Thomas Anderson, v.....Chatfield, Minn.
Gertrude Birkett, v.....Ellsworth, Minn.
Lillian Letitia Birkett, p., h.....Ellsworth, Minn.
Bertha Louise Clark, v., p.....Cohoes, N. Y.
May Lucy Deakin, v.....St. Paul, Minn.
Anna Moore Dickson, v.....St. Paul, Minn.
Rosella Evans, v.....Le Sueur, Minn.
Bessie Fitterling, v.....Minneapolis, Minn.
James Todd Guy, p.....St. Paul, Minn.
Mary C. Guy, v.....St. Paul, Minn.
Maud Lunette Hubbard, p.....Balatou, Minn.
Nina Johnson, v., p., h.....Fairmont, Minn.
Richard Urich Jones, v.....St. Paul, Minn.
Bernardine Lufkin, p.....St. Paul, Minn.
Hamilton Lufkin, p.....St. Paul, Minn.
Carmen Mahlum, v.....Brainerd, Minn.
Frances Mitchell, p.....Crystal, N. D.
Pearl Neeb, v., p.....Lewiston, Minn.
Burr Everett Peck, v.....Argyle, Minn.
Mildred Gretchen Phillips, h.....St. Paul, Minn.
Gertrude Puffer, v.....Guelph, N. N.
Louise Riedell, v., p.....St. Paul, Minn.
Charrie Roberton, v., p.....Rushford, Minn.
Paul H. T. Rusterholz, v.....St. Paul, Minn.
Lydia Schroedel, v.....St. Paul, Minn.
Frederick S. Shimian, v.....Superior, Wis.

ACADEMY.

Senior Class.

Albert Daniel Davies, m. c.....Minneapolis, Minn.
Harriet Eleanor Dyke, m. c.....Luverne, Minn.
James Casey Flannigan, m. c.....Minneapolis, Minn.
Frank Goldsworthy Fulton, a. c.....St. Paul, Minn.
Helen Mary Hunt, m. c.....St. Paul, Minn.
David Roy Jones, a. c.....Ottawa, Minn.
Ethel Bertha Jones, m. c.....St. Paul, Minn.
Evert R. Lanterman, s. c.....Mandan, N. D.
Lucile Frances McCabe, m. c.....Moose Lake, Minn.
John McDonald, a. c.....Milton, N. D.
Peter McFarlane, a. c.....Northcote, Minn.
Howard Marcus Nelson, m. c.....Kasson, Minn.
Ole Johnson Oie, a. c.....St. Paul, Minn.
Lulu Lane Piper, m. c.....Berwyn, Ill.
Elizabeth Rankin, m. c.....Middle River, Minn.
Nellie Rankin, m. c.....Middle River, Minn.
Mary Elsie Raymond, m. c.....Minneapolis, Minn.
James Clifford Rogers, m. c.....White Lake, S. D.
Anita A. Shepardson, m. c.....St. Paul, Minn.
Lillian Belle Thom, m. c.....Rushmore, Minn.
James Harrison Walker, m. c.....Poplar, Mont.
Percival Henry Warriner, m. c.....Milnor, N. D.

Junior Class.

Samuel Mason Acheson, a. c.....Towner, N. D.
Clark Ellis Brown, m. c.....Tyner, N. D.
Conrad George Davis, m. c.....Mankato, Minn.
Magnus Falck, a. c.....St. Paul, Minn.
Ella Catharine Findley, m. c.....Spicer, Minn.
Bessie Fitterling, p.....Minneapolis, Minn.

Arthur Howard Gammons, a. c.....St. Paul, Minn.
Edward Calvin Glenn, m. c.....Eden Prairie, Minn.
Hgal Vernon Johnson, m. c.....St. Paul, Minn.
Arthur Timothy Lynch, p.....Dodge Center, Minn.
John A. McEwen, a. c.....Cavalier, N. D.
Paul Taylor Montgomery, m. c.....St. Paul, Minn.
Mabelle Norcross, m. c.....St. Paul, Minn.
Mildred Gretchen Phillips, m. c.....St. Paul, Minn.
Adelaide Wadsworth Payne, m. c.....St. Paul, Minn.
Fidelia Auten Pine, m. c.....St. Paul, Minn.
Jeannette P. Sawyer, m. c.....St. Paul, Minn.
Frederick Samuel Shimian, a. c.....Superior, Wis.
Laura Crosbey Sturtevant, m. c.....St. Paul, Minn.
Anna Elizabeth Taylor, m. c.....Austin, Minn.
Ruth Minerva von Dorn, m. c.....St. Paul, Minn.
Roy DeWitt Wallace, m. c.....St. Paul, Minn.
Jerome Wilcox, m. c.....Scanlon, Minn.

Second Year.

Hattie Brinks.....Pease, Minn.
James Brinks.....Pease, Minn.
Mary Esther Campbell.....St. Paul, Minn.
James Mitchell Clark.....St. Paul, Minn.
Thomas Crocker.....Minneapolis, Minn.
Arthur David Cumming.....St. Paul, Minn.
Evan Wynne Davies.....Minneapolis, Minn.
Joseph Longstaff Ferry.....Drayton, N. D.
George Mayhew Fulton.....St. Paul, Minn.
Frederick Woodbury Gillis.....Cedar, Minn.
Laird Guy.....St. Paul, Minn.
Agnes Heazlett.....Glasston, N. D.
Charlotte Howard.....W. Duluth, Minn.
Robert Shepard McCourt.....St. Paul, Minn.

John Reece McGee.....St. Paul, Minn.
Sarah Elizabeth MacKnight.....St. Paul, Minn.
Clinton Curtis Melony.....Minneapolis, Minn.
Millard Thompson Morrow.....Glenwood, Minn.
John H. Schmauss.....St. Paul, Minn.
George Elbert Topping.....Litchfield, Minn.
Albert Tyler Upham.....St. Paul, Minn.
Leon Parnell Wilson.....Salem, S. D.

First Year.

Clifford Elbert Bradley.....St. Paul Park, Minn.
Adalbert Ferdinand Bremicker.....St. Paul, Minn.
Lane Caruthers Findley.....Spicer, Minn.
Lloyd Gilmore.....Colgate, Minn.
Frederick Anton Hansen.....Bemidji, Minn.
Lyla Maree Harrison.....St. Paul, Minn.
Melville Albert Jasperson.....Cedar, Minn.
Marjorie Oram Leach.....St. Paul, Minn.
Ronald Black McKilligan.....St. Paul, Minn.
Orlie Reynolds.....St. Paul, Minn.
Jay Keables Stoddard.....Winthrop, S. D.
Grace Prudence Sturtevant.....St. Paul, Minn.
Edward Romaine Sheire.....Northome, Minn.
Robert Alexander Thrall.....Randall, Minn.
George Melville Tibbs.....St. Paul, Minn.
Louise Elizabeth Wallace.....Monte Vista, Colo.
Westel Bruce Wallace.....Monte Vista, Colo.
Charles Carl Woerner.....Bruce, N. D.

Special.

Gertrude Birkett.....Ellsworth, Minn.
Lillian Letitia Birkett.....Ellsworth, Minn.
Harold H. Bond.....St. Paul, Minn.

Bertha Louise Clark.....Cohoes, N. Y.
Willard Walter Davis.....Minneapolis, Minn.
May Lucy Deakin.....St. Paul, Minn.
Orla Jay Hoy.....Huron, S. D.
Richard Watson Hoy.....Winthrop, S. D.
Robert Hinkens Ivey.....St. Paul, Minn.
Ernest Wilbert Johnson.....Hydepark, N. D.
James Martin.....St. Paul, Minn.
Frances Mae Mitchell.....Crystal, N. D.
Pearl R. Neeb.....Lewiston, Minn.
Burr Evert Peck.....Argyle, Minn.
Gertrude Puffer.....Guelph, N. D.
Charrie Antoinette Roberton.....Rushford, Minn.
Hattie Rose.....St. Paul, Minn.
Albert C. Spanton.....Nassau, Minn.
May G. Stensgaard.....St. Paul, Minn.
Tjark Strating.....Pease, Minn.
Grace Taylor.....St. Paul, Minn.

REGISTER OF ALUMNI
OF
MACALESTER COLLEGE.

The Alumni organized themselves into an Association in June, 1894. This Association holds its annual meeting and banquet at 6 p. m., on Wednesday evening of commencement day. This meeting has become an interesting and important part of the exercises connected with commencement. The purpose of the Association is to cultivate *esprit de corps*, and to do all in its power to promote the interests of the College.

The officers of the Association are:

Rev. Archibald Cardle, Pres.....
Macalester Park, St. Paul, Minn.

Prof. H. D. Funk, Sec. and Treas.....
Macalester Park, St. Paul, Minn.

The College desires to put the catalogue and other important publications concerning its work into the hands of all its graduates and former students, and will be thankful if all changes of address are promptly reported to the president. The College will also be glad to receive any information relative to its students and alumni.

Roll of Alumni.

Class of 1889.

George Washington Achard.....
Business, Minneapolis, Minn.
Jos. Wilson Cochran.....Minister, Philadelphia
Ulysses Grant Evans....Minister, Lime Springs, Iowa
James Chase Hambleton.....Teacher, Columbus, Ohio
Benjamin Wallace Irvin.....Deceased
Samuel M. Kirkwood.....Surgeon, Hamline, Minn.
Wm. Porter Lee.....Minister, Germantown, Pa.
Paul Erskine McCurdy....Business, Philadelphia, Pa.
Louis Ferdinand Slagle.....Deceased
Charles Albert Winter.....Lawyer, New York City

Class of 1890.

Myron A. Clark..Sec. Y. M. C. A., Rio Janeiro, Brazil
Thaddeus T. Cresswell.....Minister, Beloit, Wis.
John Knox Hall.....Missionary, Trinidad, Col.
William Henry Humphrey....Minister, Ashland, Wis.
William Paul Kirkwood..Editor, Minneapolis Journal
Amos Avery Randall.....Minister, Princeville, Ill.
Judson L. Underwood...Miss'y, Aguadilla, Porto Rico

Class of 1891.

Frank Brown.....Lakeview H. School, Chicago, Ill.
Walter F. Finch.....Minister, Caledonia, Minn.
Walfred Sunberg .....Deceased
William B. Turner.....Teacher, Minneapolis, Minn.
Thomas C. Williamson.....Business, Greenwood, S. D.

Class of 1893.

James Carlisle Simonton.....Business, St. Paul, Minn.
Joseph Zoll.....Minister, New York City, N. Y.

Class of 1894.

Francis W. Beidler.....Minister, St. Cloud, Minn.
Archibald Cardle....Minister, Macalester Park, Minn.
Paul A. Ewert.....Ass't to Att'y Gen., St. Paul, Minn.
George E. Johnson.....Business, Sayre, Ok. Ter.
Sam'l M. Marsh.....Minister, Eveleth, Minn.
Wm. H. Sinclair.....Minister, Deep River, Iowa

Class of 1895.

Frank E. Balcome.....
Physician, St. Anthony Park, Minn.
John W. Christianson.....Minister, Castlewood, S. D.
Thomas Fitz-Morris Clark.....
Minister, St. Croix Falls, Wis.
Chas. D. Darling.....Minister, Walkerton, Ind.
Ed. Howard Gordon.....Lawyer, Langdon, N. D.
Harry Clinton Schuler.....Missionary, Resht, Persia
John Hansen Sellie.....Minister, Buffalo, Minn.
Nels Sunby, p. c.....Minister, Centennial, Wyoming
Arthur Whitney Vance.....
City Editor, Daily News, St. Paul, Minn.

Class of 1896.

Alexander Edward Cance.....
Teacher, Asheville Farm School, N. C.
M. M. Maxwell.....Minister, Helena, Mont.
Samuel F. Sharp...Minister, Tottenham, Ontario, Can.

Class of 1897.

Albert Ernest Evans.....Minister, Tenstrike, Minn.
Charles W. Hansen...Minister, Brown's Valley, Minn.
Ernest Charles Henke.....Minister, Weyawauga, Wis.
George Leck.....
Missionary, died Dec. 25, 1901, in Unsan, Korea

John McLearie.....
Professor, State School of Mines, Rapid City, S. D.
Mrs. Winifred Moore-Mace.....Beresford, S. D.
Arthur A. Palmer.....Minister, Balaton, Minn.
Charles Petran.....Missionary, Zacatecas, Mexico
Louis B. Sherwin.....Minister, Florence, Wis.
William K. Sherwin.....Minister, Rolla, N. D.
Arthur G. Welbon.....Missionary, Seoul, Korea

Class of 1898.

Clarence Dwight Baker.....
Agent for D. Appleton & Co., Des Moines, Iowa
Charles Warren Dade.....Minister, Rolla, N. D.
Anna Moore Dickson.....
Central H. School, St. Paul, Minn.
Caspar Gregory Dickson.....
Clerk Nat. Lib'y, Washington
Nellie M. Flanders (Mrs. W. K. Sherwin)..Rolla, N. D.
John M. Guise.....Supt. Lake Crystal, Minn.
Carlton Leslie Koons.....Minister, Rice Lake, Wis.
Robert C. Mitchell.....Minister, Litchfield, Minn.
William James Mitchell....Minister, Rapid City, S. D.
David Walter Morgan.....Minister, Nemaha, Iowa

Class of 1899.

Hugh S. Alexander.....
Cleveland H. School, St. Paul, Minn.
Walter Baker Augur.....Minister, Kerkoven, Minn.
Charles Allen Clark.....Missionary, Seoul, Korea
Ralph Elmo Clark.....Minister, Wabasso, Minn.
Paul Doeltz.....Missionary, Iloilo, Philippine Islands
G. C. Edson..Minister, Amagansett, Long Island, N. Y.
Thomas George Jamieson.....Business, Roscoe, S. D.
Almira F. Lewis.....Teacher, St. Paul, Minn.

James Murray.....Minister, Denver, Idaho
Samuel Merton Pinney.....
Supt. Schools, Princeton, Minn.
Jacob Elmer Smits.....Business, Fairmont, Minn.
George Stanley..Minister, Rushford and Utica, Minn.
Murray Alberton Travis.....Minister, Morley, Ill.

Class of 1900.

John Calvin Abels.....Minister, Whiteland, Ind.
Mills Strong Grimes.....Minister, Spencerport, N. Y.
Ralph Emerson Herron....Business, Rapid City, S. D.
John Robert Landsborough..Minister, Oregon City, Or.
Ernest A. Oldenburg..Minister, Richland Center, Wis.
Mathilde Pederson.....Business, Strum, Wis.
Irving David Roach.....La Cancanea, Mexico
William James Sharp.....Minister, Kent, Wash.
Roy Walker Smits....Supt. Schools, Monterey, Minn.
Mrs. Maud Taylor Hansen.Mus. Brown's Valley, Minn.
David A. Thompson..Minister, Selwood, Portland, Or.

Class of 1901.

Wm. Beckering.....Student, Hope, Mich.
Louis Benes.....1311 Walnut St., Milwaukee, Wis.
Henry Roy Bitzing..Law Student, Grand Forks, N. D.
Percy Porter Brush.....
Univ. Law School, Minneapolis, Minn.
Charles Morrow Farney.....Teacher, Spokane, Wash.
Henry D. Funk...Prof., Mac. College, St. Paul, Minn.
Nathaniel E. Hoy.....Student, Chicago, Ill.
Lewis Hughes.....Teacher, Ottawa, Minn.
Richard U. Jones..Prof., Mac. College, St. Paul, Minn.
W. C. Laube....Minister, R. F. D. No. 2, Portland, Or.
Millicent V. Mahlum.....Teacher, Brainerd, Minn.

William H. Travis.....Minister, Palacios, Tex.
Lily Bell Watson.....Macomb, Ill.

Class of 1902.

Frederick Brown.....Minister, Oakland, Ind.
Robert L. Davidson....Supt. Schools, Dickinson, N. D.
Sarah A. Haines...Ingleside Seminary, Burkeville, Va.
Grace Iddings.....Teacher, Red Lake Falls, Minn.
Leonard L. Mann.....Student, Chicago, Ill.
Francis H. Newton.....Student, Chicago, Ill.
Winifred Ruth Pringle....Teacher, Waterville, Minn.
Edgar E. Sharp.....Law Student, St. Paul, Minn.
Benjamin Bruce Wallace.....
Pembroke College, Oxford, Eng.
Helen Margaret Wallace.....
Macalester Park, St. Paul, Minn.

Class of 1903.

John Morton Davies.....Student, Princeton, N. J.
Bessie Shepard Doig.....Teacher, Janesville, Minn.
Julia Anita Elmer.....
Teacher, Hamline, St. Paul, Minn.
Peter Erickson.....Evangelist, Warroad, Minn.
Ebenezer Thomas Ferry.....Student, Princeton, N. J.
Emma Inez Godward.....Teacher, Plainfield, Minn.
Robert McMaster Hood.....Student, Chicago, Ill.
Peter Westin Jacobson.....Student, Chicago, Ill.
Raymond Lewis Kilpatrick.....
Student, Minneapolis, Minn.
Donald Norman MacRae..Pastor, Forest Lake, Minn.
Henry Morgan.....Reporter Press, St. Paul, Minn.
Joseph E. Rankin.....Student, Chicago, Ill.
Mary J. Rankin....Missionary Teacher, Ozone, Tenn.
Pitt Montgomery Walker..Student, San Francisco, Cal.

Grace Ivanore Chapin....Teacher, Birds Island, Minn.
Mio Genevieve Clark.....Teacher, St. Cloud, Minn.
Peter Arthur Davies.....Student, Chicago, Ill.
Thomas Hunter Dickson.....Teacher, Aitkin, Minn.
Margaret Evans Detweiler.....Miss'y, Quito, Ecuador
William Horatio Kendall.....Student, Chicago, Ill.
Alfred Edward Koenig..Teacher, Howard Lake, Minn.
William Oliver Rothney.....Student, Winnipeg, Can.
Henry John Voskuil.....Student, Hope, Mich.
Tolbert Watson.....Medical Student, State University
Mabel Wicker.....Teacher, Hawley, Minn.

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Macalester College Bulletin

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OF

Macalester College

AND

Classical Academy

1905-1906

ST. PAUL, MINNESOTA.

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PREFACE.

Macalester College is organized on the plan of the best eastern institutions of learning. It is governed by a self-perpetuating board of trustees, whose single purpose in its up-building is to promote Christian higher education. Most of the men who had to do with the founding and earlier history of the college were graduates of eastern colleges.

Rev. Edward D. Neill, D. D., the founder, and Rev. Daniel Rice, D. D., his able coadjutor, were graduates of Amherst College. Rev. Robert F. Sample, D. D., was a graduate of Princeton. Henry L. Moss was an honored alumnus of Hamilton College; Hon. Alexander Ramsey, of Lafayette College; Robert P. Lewis, of Washington and Jefferson College; Thomas Cochran, of the University of New York; Maj. B. F. Wright, of Union College; Rev. J. C. Whitney, of Oberlin College; Rev. David James Burrell, D. D., of Yale.

The purpose of these men was to build up in the Northwest an institution that would embody the best traditions of the institutions whence they had come. With Woolsey, some time president of Yale, they believed that in the best education the matter of first importance is character; second, culture; third, knowledge. This was the general conception of education they sought to realize in Macalester College.

Closely associated with them in this noble work were many other esteemed citizens of our state, such as Judge C. E. Vanderburg, who contributed $17,000 toward the erection of four residences for professors; Hon. Eugene M. Wilson, Henry H. Horn, Henry M. Knox, H. K. Taylor and (later) Rev. J. B. Donaldson, D. D., Thomas H. Dickson and others.

Among those who in later years have contributed liberally to the better establishment and support of the college, are:

James J. Hill, William H. Dunwoody, Mrs. William Thaw (Pittsburgh), William B. Dean, Rufus C. Jefferson, Robert A. Kirk, Frederick Weyerhaeuser, George D. Dayton, Thomas B. Janney, Daniel R. Noyes, Judge Thomas Wilson, Judson E. Carpenter, Charles H. Bigelow, David Tozer (Stillwater).

The college was opened in 1885, and graduated its first class in 1889.

It welcomes to its halls all earnest young men and women who seek a higher education. The college desires to be as helpful as possible in aiding young people to solve the problems of their education, and accordly the expenses are reduced to a minimum.

The academy prepares thoroughly for all the courses offered in our colleges.

The college offers excellent courses in ancient and modern languages, the sciences, philosophy, history, etc.

Students who are looking forward to law, medicine, theology, engineering or teaching can easily select studies from the courses and electives offered that will prepare admirably for the professional studies they have in view.

Students preparing for the gospel ministry in any evangelical church, if properly certified, receive tuition at half rates.

The college makes systematic efforts to secure good positions for those of its graduates that intend to teach, and who have given evidence of being well equipped.

College Calendar.

COLLEGE YEAR, 1906-1907.

1906.		
May 12.	Saturday,	Senior vacation begins.
May 30.	Wednesday,	Decoration Day.
June 1.	Friday (8:00 P. M.),	Commencement of Academy.
June 3.	Sunday (10:30 A. M.),	Alumni Sermon.
June 3.	Sunday (3:30 P. M.),	Baccalaureate Sermon.
June 3.	Sunday (8:00 P. M.),	Annual Address before the Y. M. and Y. W. C. A.
June 4.	Monday (8:00 P. M.),	Senior Class Evening.
June 5.	Tuesday (9:30 A. M.),	Field Day.
June 5.	Tuesday (8:00 P. M.),	Annual Recital of the Music Department.
June 6.	Wednesday (9:00 A. M.),	Annual Meeting of the Board of Trustees in the President's Room.
June 6.	Wednesday (2:00 P. M.),	Seventeenth Annual Commencement.
June 6.	Wednesday (5:30 P. M.)	Alumni Banquet.
Sept. 18.	Tuesday (10:00 A. M.),	Entrance Examinations.
Sept. 19.	Wednesday (10:30 A. M.),	First Semester opens with an Address in the College Chapel.
Nov. 29.	Thursday.	Thanksgiving Recess.
Dec. 19.	Wednesday.	Winter Vacation begins.
1907.		
Jan. 2.	Wednesday (8:30 A. M.),	Session resumes.
Jan. 31.	Thursday,	Day of Prayer for Colleges.
Feb. 8.	Friday,	First Semester ends.
Feb. 12.	Tuesday (10:30 A. M.),	Second Semester begins. Address.
Feb. 22.	Friday,	Washington's Birthday.
April 4 to 8 inclusive,		Spring Vacation.
June 12.	Wednesday.	Second Semester ends.

SUMMER VACATION OF THIRTEEN WEEKS.

Board of Trustees.

Officers of the Board.

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R. A. KIRK,	Vice-President
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R. A. KIRK,	St. Paul, Minn.
J. W. COOPER,	St. Paul, Minn.
REV. JOHN E. BUSHNELL, D. D.,	Minneapolis, Minn.
REV. A. B. MARSHALL, D. D.,	Minneapolis, Minn.

TERMS EXPIRE JUNE, 1907.

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R. C. JEFFERSON,	St. Paul, Minn.
REV. T. H. CLELAND, D. D.,	Duluth, Minn.
GEORGE W. WISHARD,	Minneapolis, Minn.
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TERMS EXPIRE JUNE, 1908.

THOMAS SHAW,	St. Paul, Minn.
A. D. THOMSON,	Duluth, Minn.
A. R. CHACE,	Marshall, Minn.
THOMAS B. JANNEY,	Minneapolis, Minn.

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EDWARD COLLINS DOWNING, PH. D.,
Latin Language and Literature.

ANDREW WORK ANDERSON, A. M.,
Mental Science, Logic and Philosophy.

DAVID NEWTON KINGERY, A. M.,
Mathematics and Biology.

JULIA M. JOHNSON, A. M.,
DEAN OF THE WOMAN'S DEPARTMENT.
English Literature and Old English.

REV. HENRY D. FUNK, A. M.,
German Language and Literature.

RICHARD U. JONES, A. B.,
Physics and Chemistry.

LOU G. FINDLEY, PH. M.,
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HARRY E. PHILLIPS,
Piano and Voice Culture.

GRACE B. WHITRIDGE,
Elocution and Dramatic Art.

G. H. FAIRCLOUGH,
Advanced Piano.

MRS. H. E. PHILLIPS,
Assistant in Piano.

W. H. NELSON,
Violin.

J. K. RYDER,
Mandolin, Guitar, Banjo.

REV. A. E. DRISCOLL, A. B.,
Field Secretary.

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EDWARD C. DOWNING.

Registrar.

D. N. KINGERY.

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H. D. FUNK A. W. ANDERSON R. U. JONES

On Library and Reading-Room.

A. W. ANDERSON F. G. AXTELL H. D. FUNK

On Gymnasium and Athletics.

H. D. FUNK D. N. KINGERY ARCHIBALD CARDLE

On Public Exercises.

EDWARD C. DOWNING HARRY E. PHILLIPS
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On Publications.

EDWARD C. DOWNING JAMES WALLACE
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MATRON OF EDWARDS HALL..... .....MISS HANNAH MOEN
MATRON OF EUTROPHIAN HALL.....MRS. J. METCALF
MATRON OF BREWSTER HALL..... .MRS. L. A. SMITH
ENGINEER AND JANITOR.....LAIRD GUY

General Information.

Location and Approach.

Location.—Macalester College is located in Macalester Park, a beautiful suburb in the western part of the corporate limits of St. Paul, a few blocks east of the Mississippi river. Its property fronts on Summit Avenue and is one mile south of the main interurban line where it crosses Snelling Avenue. The Grand Avenue electric line runs through the grounds, and the Selby Avenue interurban line is but four blocks north. But one car fare is charged to either city.

Campus.—The college campus contains forty acres and is a beautiful piece of property. It has a frontage of six hundred and sixty feet on Summit Avenue, a fine boulevard two hundred feet in width, terminating one mile west on the banks of the Mississippi. The grounds contain a fine grove, and efforts are making to beautify them in a manner befitting their surroundings.

Advantages of the Location.—The college is very pleasantly located. Macalester Park contains about fifty residences and is quite removed from the thickly settled parts of the city. The college is, therefore, away from the distractions and temptations of city life. There are no saloons or other places of temptation in the vicinity. The location is favorable for study, for the development and maintenance of a pure and wholesome college life, and for careful supervision of

the conduct of the students. Though the college is in a quiet and retired place, the students are brought in contact more or less with the life and culture of the city. The large public libraries, churches, lecture courses and musical entertainments are accessible, and season tickets to the regular lecture courses are usually offered students at a reduction.

How to Reach the College.—To reach the college from St. Paul take street cars running west, marked "Laf. to Macalester" or "Laf. to Grove' Park." Get off at Snelling Ave. These cars are reached from the Union Depot by going up Sibley street two and a half blocks. If these directions are forgotten, any policeman will give correct information as to how to reach the college.

To reach the college from Minneapolis take the new interurban line by way of Lake street and Marshall avenue to college grounds; or take the interurban line by way of Merriam Park, transfer to Snelling avenue, and go south to the college.

Persons with trunks or other heavy baggage should buy their tickets to St. Paul. Arrangements are made at the college to have the trunks brought out at a small cost. Any student notifying the president or any professor in time will be met at the Union Station.

COLLEGE BUILDINGS.

Main Building.—This is a brick building, one hundred feet long and fifty feet wide, three stories high, containing class rooms, society halls, gymnasium, library, reading-room and auditorium.

The building is heated with steam and is provided with its own electric light plant.

MUSIC STUDIO.

Gymnasium.—The basement of the college building, a hundred feet long and fifty feet wide, with ceiling seventeen feet high, is used for a gymnasium. It contains a lavatory supplied with hot and cold water, four hand-ball courts, ladders, hanging rings, horizontal bar and other apparatus. It is large enough to admit of basket ball practice and affords ample facilities for healthful athletic exercise. One dollar and a half of each incidental fee is appropriated to athletics and physical training.

The Library.—The Library contains about eight thousand five hundred volumes, not counting duplicates, most of it classified on the Dewey system. The department of bound periodicals already comprises nearly one thousand volumes. The Neill Collection includes rare works in Puritan and Colonial history, and theology, together with examples of fifteenth and sixteenth century printing.

A large room on the third floor affords excellent accommodations for both Library and Reading Rooms, and is open during the forenoons throughout the college year.

At present the Neill Collection of autograph letters is to be found in the library.

Some of the accessions to the library during the present year through gifts of friends are the following: from the library of the late Rev. M. L. P. Hill, D. D., two hundred volumes, besides a large number of duplicates; from the library of the late Rev. J. G. Riheldaffer, D. D., one hundred and fifty volumes; from that of the late Rev. R. F. Sample, D. D., fifty volumes of the Princeton Review; from Messrs. Thomas Cochran

and R. C. Jefferson, twenty-five bound volumes of the Sunday School Times; from the Home Board of the Women's Presbyterial Society of St. Paul, fifteen volumes for the missionary alcove; further through the kindness of Mr. S. A. Harris of Minneapolis sixty recent volumes have been added to the educational library; and through another friend whose name is reserved, twenty-five volumes of standard essays and other literature.

Dormitory.—This also is a three-story brick building, ninety feet long by thirty-eight feet wide. The first floor contains the music studio, Y. W. C. A. room, and mathematical room. The second and third floors contain twenty double rooms designed to accommodate two students. They are furnished with plain, substantial furniture, are well lighted and thoroughly comfortable. In the basement are the physical and biological laboratories. This hall is for men exclusively.

The building is heated with steam. Students must care for their own rooms or arrange with some one to do so.

The Elms.—This is an excellent frame building on the corner of Snelling and Summit Avenues, two blocks from the college, fitted up for the accommodation of young ladies. The location is very pleasant and the surroundings attractive. The rooms are spacious, furnished with single iron beds and other substantial furniture. The building is heated by hot water. Unless special arrangements are made, two students occupy the same room. Every reasonable effort is put forth to make the Elms a pleasant, Christian home.

Edwards Hall.—This is a substantial three-story

building on Macalester Avenue, one block south of the college. It is named after W. C. Edwards, Esq., of St. Paul, through whose generous liberality it was erected. It furnishes accommodations for twenty-two roomers, besides the matron and her help, and sets tables for forty. The plain, but excellent accommodations provided in this building and offered at very moderate rates have proved a great boon to students who find it difficult to meet the expenses of a college education. The students in this building form a club and manage the boarding department under a matron and other officers of their own choice, subject to the general supervision of the faculty. Room and board cost not to exceed two dollars and a half per week. This hall is for young men only.

The Eutrophian Hall is a boys' boarding club, situated two blocks north of the college building. Its dining room is light, cheery and commodious, having a seating capacity for about forty young men. The club is under the care of a competent matron, and a steward, who is elected from the members. The amount paid for board by members defrays all expenses. It is the aim of those in whose hands the management is entrusted to keep the expenses at a minimum. Board ranges from two dollars and forty cents to two dollars and seventy cents a week.

Chemical Laboratory.—The building erected originally for the library, through the liberality of Hon. Henry L. Moss, is now used as a chemical laboratory. It has desk room for twenty-eight students, is thoroughly lighted and admirably adapted for laboratory purposes. It is well equipped with apparatus and of-

fers facilities for both required and elective courses in chemistry.

Administration.

In the administration of the college appeal is made as far as possible to the self-respect and manliness of the students. They are constantly encouraged to guard well their honor and that of the institution, to maintain a wholesome esprit de corps.

Some regulations, however, are necessary, and when students matriculate it is understood that they thereby submit themselves to the government of the college and pledge themselves to support the same while they are members of the institution. They are expected, and, by virtue of their matriculation as students of the institution, are understood to obligate themselves to act as ladies and gentlemen, to be faithful in attendance upon recitations, examinations, daily morning prayers, and Sunday morning service, and to be diligent in preparation of all tasks assigned.

Students of the Academy who are not of age may visit the cities only on Saturdays during the day or Sunday evenings to attend church. At other times permission must be obtained of the principal of the Academy.

College students are given greater liberty; but frequent visiting of the cities or returning late at night will be dealt with as offenses against good order.

Except in very special cases students are not permitted to room and board down in the city.

Students whose influence is found to be hurtful,

even though guilty of no serious breaches of order, will not be retained in the institution. No principle of college administration has been more faithfully observed than this.

Religious Culture.

Religious Services.—Devotional exercises are held in the college chapel daily at 10 a. m., at which all students are required to be present.

Public worship is held every Sabbath morning in Macalester Presbyterian church. Attendance upon this service Sunday morning is expected of all students except those boarding at home, and those excused for good reason to worship elsewhere.

The students are welcome to the Sunday school, which follows the morning service, and for them special classes are organized. The pastor of the church is wont to take an active interest in the spiritual welfare of the students.

Young Men's Christian Association.—This association has an active membership of about forty members. It holds regular meetings every Tuesday evening and missionary meetings once a month. Several of the older members do home mission or Sunday school work in small churches located in the cities or within a reasonable distance of them. Going out to these country churches on Saturday evening they are usually able to return Monday morning in time for recitations. The association is in close touch with the associations of the two cities and finds opportunities of Christian activity and usefulness in the mission work of the

cities. A committee of the association is present at the College two or three days before the College opens to meet the new students as they come in. Members of this committee will meet any incoming student at the Union Station, St. Paul, if notified beforehand of the time of arrival. Address Mr. W. F. Pottsmith, President Young Men's Christian Association.

The Union Gospel Mission (Inter Denominational) has proved to be a fine training school for many of our students in practical Christian work. The Superintendent is a college man and believes profoundly in the Christian student as a large factor in the settlement of the problems before the people; also that there is no better place than a mission for development in intellectual and spiritual life.

Young Women's Christian Association.—This association, like the one above named, seeks to deepen the spiritual life of its members, to foster a Christian spirit in the institution, to bring its members into closer and more sympathetic relations with one another. It has a membership of from thirty to thirty-five. Devotional meetings are held weekly in the Y. W. C. A. room in the college, and much attention is given to Bible study and to missionary themes. If any young woman, who expects to enter the College, notify the president or vice president of the association when she will reach the city, she will be met at the station. Any information about the institution will be gladly given upon inquiry. Address Miss Helen Smith, Secretary.

Students' Volunteer Band.—This organization, numbering fifteen or more, holds monthly meetings sometimes in the college, sometimes with the bands of neigh-

boring institutions. It aims to reach a more thorough consecration and to become more conversant with the history and achievements of missions.

Society of Christian Endeavor.—A flourishing Endeavor society is held every Sunday evening in the local church of the Park. The society has proved an invaluable means of Christian culture.

Literary Societies.

Three literary societies and one debating club are in operation under the general oversight of the faculty. In the collegiate department there are the Hyperion Society, admitting to membership both young men and young women; the Athenaean Debating Club, for young men; and the Clionian Society, for young women: and in the Academy, the Parthenon, open to all students of this department.

The Hyperion holds weekly meetings in its own handsome, well-furnished hall; the Athenaean meets in the Music Studio and the Parthenon in the President's room.

The Clionian Society has been organized the past year and is already a strong society. Its meetings are held in Room 3.

Every regular student is expected to become connected with one or other of these societies, and faithfully fulfill the duties of membership. No literary society or other organization may be established without the consent of the faculty.

Oratorical Association.—This association has about forty members and seeks to promote an interest in

Oratory. The interests of the College in the state association are under the control of this association. By means of a preliminary contest it selects one member to represent the College at the State oratorical contest.

Prizes.

Through the kindness of some of its friends the College is able to announce a number of prizes, as follows:

Noyes Prizes.—Mr. D. R. Noyes of St. Paul has this year offered one hundred dollars annually to be given in prizes as the Faculty may direct. The Faculty has apportioned the prizes as follows: to that member of the sophomore class having the highest standing in the first two years of the college course, twenty-five dollars; to that member of the junior class having the highest standing for that year, twenty-five dollars; to that member of the graduating class taking the first honors, fifty dollars. Students competing for these prizes must be without conditions, except that a condition caused by a student's entering college without Greek or German shall not act as a bar to competition for the first of the above prizes, unless at the end of the sophomore year that condition exceed one year.

Stringer Prize.—Through Mr. E. C. Stringer of St. Paul, the College is able to offer an annual prize of twenty-five dollars, to be given to that student of the College who, having not less than fourteen recitations a week, takes the first place in the preliminary oratorical contest mentioned above. Mr. James Hamilton of St. Paul was awarded the prize of 1905.

Edwards Medal.—By the gift of Mr. W. C. Edwards of St. Paul, that member of the senior class of the Academy who is graduated with the highest standing receives a gold medal.

Athletics.

Athletics and careful physical training are encouraged and one dollar and a half of the incidental fee for each semester is set apart for instruction in the care and training of the body and for the equipment of the gymnasium. The four hand-ball courts are at the service of the students, besides considerable apparatus. An inclosed athletic field has been prepared, containing about five acres and lying just south of the College. There is ample room for lawn tennis and all the usual outdoor games.

Examinations and Reports.

Examinations, written or oral, at the option of the professor, are held at the close of each semester, and the class standing of each student is fixed according to his grades in class and on examination. The former usually counts two-thirds, the latter one-third. No student can retain class standing if the examinations are not taken. A record is kept of each student's grades in scholarship and deportment, a copy of which is sent to his parents or guardian at the end of each semester. If these are not received the fact should be reported to the registrar. Hereafter quarterly reports will be made of all academic students.

Degrees.

Graduates from the Classical courses receive the degrees of A. B.; those from the Scientific courses the degree of B. S.

At its annual meeting last June the Board of Trustees conferred the degree of Doctor of Divinity on the Rev. Charles F. Hubbard of Minneapolis.

Books and Stationery.

A book and stationery store is conducted at the College. When obtainable, second-hand books are kept in stock, and old books are taken in exchange or purchased. Students are thereby enabled to effect a considerable saving on their book expense.

Self-Support.

Students desiring to do something towards defraying their own expenses can usually find some way of doing so. Many find work on Saturdays, in stores and other places of business, and have thus paid a large part of the expense of their board. Others have earned their board by working mornings and evenings. It is seldom that any worthy, capable student with energy and tact fails to find some means by which he may work his way through college, provided the long summer vacation is improved to increase his income. Any student who earnestly desires an education, and can raise forty dollars or more, should feel encouraged to come and make a beginning. It is probable that the way will open for the continuance of his studies.

COLLEGE OF LIBERAL ARTS.

Courses of Study.

The College of Liberal Arts embraces the following general courses:

1. The Classical Courses, leading to the degree of A. B. In these courses, Latin must be continued throughout the freshman year, and the other language offered for entrance, usually Greek or German, must be continued to the close of the sophomore year.

II. The Scientific Courses, leading to the degree of B. S. In these courses, mathematics must be continued throughout the freshman year. In addition, four sciences are required before the end of the course, a year's course in each of three and a two years' course in the fourth.

On entrance, the student makes choice of one of the above kinds of course. Thereafter deviation from the course chosen must be with consent of the faculty upon written application stating reasons.

Preparation for the Study of Medicine.—The work in Biology and in Chemistry (over three years in the laboratory) furnish rare preparation for those who intend to study medicine.

Preparation for the Study of Law.—The required studies in Political Economy and Social Science and the electives in Forensic Oratory and Constitutional History offer an admirable course to those who are preparing for law. Students who, while pursuing certain studies in college, would like also to take up the study of law, find excellent opportunity of doing so in connection with the St. Paul Law School, which gives all its lectures in the evening in the City Hall, but twenty-five minutes' ride from the college.

Preparation for Teaching.—Attention is called to the excellent courses in Education open to students that intend to teach. The College seeks especially to meet the needs of such: the courses in Psychology are thorough and extensive and relate themselves closely to Education. It is expected to supplement the classroom work with lectures by teachers of large experience.

Preparation for the Christian Ministry.—The Bible study that runs through the course and the electives in Greek Testament, Hebrew, and Literary Study of the Bible, offer a course unusually well adapted to those who have the gospel ministry in view. Those, too, who are preparing to be missionary teachers will find in the wide range of Bible study pursued in the college an indispensable and very attractive adjunct to their course.

Senior Electives for Medical Students.—Students intending to study medicine, who are obliged to shorten their course in preparation, may in the following manner save one year while still obtaining their degrees. After completing three years of the college course and being enrolled for the fourth year, they may take the first year of the medical course in any medical school approved by the faculty, in place of the work of the senior year. This will be permitted subject to the following conditions: first, the required studies of the college must be completed in every case; secondly, a certificate must be presented from the medical school, showing the successful completion of the work of the first year in that school.

The faculty strongly advises against the adoption of this course except where absolutely necessary.

Partial Courses.—With the approval of the faculty, students who are not looking forward to a degree, and who have sufficient preparation, are admitted to select courses. But in such cases a minimum of twelve hours a week will be required.

Admission from the Academy.—Graduates from the Academy are admitted, without examination, to the college course for which they are prepared.

Admission from High Schools and Academies.—Grades and certificates from other colleges, from academies and high schools will be accepted in lieu of examinations in so far as they represent an equivalent of preparation. Certificates from first-class high schools of Minnesota and other states will admit to the freshman class subject to proper adjustment to courses herein offered. Certificates or grades from lower schools will be accepted, if creditable, for the work they represent. Verbal reports of standing will not be accepted.

Students desiring to enter college without examination should send for an applicant's blank. This is to be carefully filled out and returned not later than September tenth. If this is done it will greatly expedite the work of classifying the new students at the opening in the fall.

Deficiencies.—Students who are not fully up to the requirements will be given every opportunity to remove their deficiencies, but no students should undertake to make up more than one-third of a year's work.

REQUIREMENTS FOR ADMISSION TO THE FRESHMAN CLASS.

Candidates for admission to the freshman class must pass examination or present satisfactory credits in the following subjects:

I. English:

Grammar, and Analysis, including Orthography, Punctuation.

Rhetoric and Composition.

Literature. This examination is based on a careful study of: Shakespeare's Macbeth; Milton's L'Allegro, Il Penseroso, Comus, and Lycidas; Burke's Speech on Conciliation with America; Macaulay's Essays on Addison and Milton, and a careful reading of: George Eliot's Silas Marner; Pope's Translation of the Iliad (Books i, vi, xxii, and xxiv); The Sir Roger de Coverley Papers in the Spectator; Goldsmith's Vicar of Wakefield; Scott's Ivanhoe; Shakespeare's Merchant of Venice; Cooper's Last of the Mohicans; Tennyson's Princess; Coleridge's Rime of the Ancient Mariner.

No candidate will be accepted in English whose work is seriously defective in point of spelling, punctuation or grammar.

II. Mathematics:

Arithmetic: Including the Metric System.

Algebra: Higher through Quadratics.

Geometry: Plane and Solid.

III. Latin:

Grammar and Lessons (one year).

Caesar: Four books of the Gallic War.

Cicero: Six orations.

Prose Composition, based on Caesar.

IV. Science:

Elementary Physics or Chemistry: one year.

V. History:

United States: McMaster's, Johnston's, or their equivalent.

Greece: Morey's, Oman's, or their equivalent.

Rome: Morey's, Allen's or their equivalent.

England: Coman & Kendall's, or its equivalent.

VI. Geography:

Descriptive Geography: Ancient and Modern.

Physical Geography: Dryer's, Tarr's, Davis', or their equivalent.

In addition to the above there is required for the

Classical Courses.

I. Latin: Virgil: Six books of the Aeneid.

II. Greek: or

Grammar and Lessons (one year).

Xenophon: Four books of the Anabasis.

Prose Composition, based on the Anabasis.

III. German:

Grammar and Lessons: Spahnhoofd or Becker.

Reader: Glueck Auf, or its equivalent.

Literature: Storm's Immensee, Wilhelm Tell and Hermann und Dorothea, or the equivalent of these.

Composition: Simple prose.

Students deficient in Greek or German have excellent opportunity of making up their deficiencies in the Academy.

Scientific Courses.

I. German: Same as above.

II. Science:

Physiology, Botany and Zoology (half year of each), Physics or Chemistry (one year each).

Synopsis of Courses of Study.

FRESHMAN YEAR.

FIRST SEMESTER.		SECOND SEMESTER.	
REQUIRED:		REQUIRED:	
Bible, 1*.	(1)	Bible, 1.	(1)
English, 1.	(3)	English, 1.	(3)
Oratory, 1.	(2)	Oratory, 1.	(2)
ELECTIVE:		ELECTIVE:	
GROUP I.		GROUP I.	
Mathematics, 1.	(4)	Mathematics, 1.	(4)
Biology, 1.	(4)	Biology, 1.	(4)
Chemistry, 1.	(3)	Chemistry, 1.	(3)
Latin, 1.	(4)	Latin, 1.	(4)
GROUP II.		GROUP II.	
Latin, 1.	(4)	Latin, 1.	(4)
Greek, 1.	(4)	Greek, 2.	(4)
French, 1.	(4)	French, 1.	(4)
German, 1, 5.	(4)	German, 1, 5.	(4)

A classical Course must include Latin, one other subject from Group I, and the second language from Group II, which was offered for entrance.

A scientific Course must include mathematics and one subject in addition from each group.

* Plain figures refer to the courses as numbered in the description of the courses following; figures in parenthesis, to the number of hours a week; and so throughout this synopsis.

SOPHOMORE YEAR.

FIRST SEMESTER.		SECOND SEMESTER.	
REQUIRED:		REQUIRED:	
Bible, 2.	(1)	Bible, 2.	(1)
Political Science, 1.	(2)	Political Science, 1.	(2)
ELECTIVE:		ELECTIVE:	
GROUP I.		GROUP I.	
Latin, 2.	(3)	Latin, 2.	(3)
German, 2, 5.	(3)	German, 2, 5.	(3)
French, 1, 2.	(3)	French, 1, 2.	(3)
Greek, 3, 5, 7.	(3)	Greek, 4, 5, 7.	(3)
GROUP II.		GROUP II.	
Latin, 2.	(3)	Latin, 2.	(3)
Biology, 2.	(3)	Biology, 2.	(3)
Physics, 1.	(3)	Physics, 1.	(3)
Chemistry, 1, 2, 4.	(3)	Chemistry, 1, 2, 4.	(3)
Mathematics, 2.	(3)	Mathematics, 2.	(3)
GROUP III.		GROUP III.	
Education, 1.	(3)	Education, 2.	(3)
English, 2.	(3)	English, 3.	(3)
Mathematics, 2.	(3)	Mathematics, 2.	(3)
GROUP IV.		GROUP IV.	
Biology, 2.	(3)	Biology, 2.	(3)
Physics, 1.	(3)	Physics, 1.	(3)
Chemistry, 1, 2, 4.	(3)	Chemistry, 1, 2, 4.	(3)
GROUP V.		GROUP V.	
English, 2.	(3)	English, 3.	(3)
History, 1.	(3)	History, 1.	(3)

Students must select one from each group.

The language chosen from Group II, of preceding year must be continued through this year.

Chemistry must be chosen unless student has already obtained credit for one year's work in the subject.

JUNIOR YEAR.

FIRST SEMESTER.		SECOND SEMESTER.	
REQUIRED:		REQUIRED:	
Bible, 3.	(1)	Bible, 3.	(1)
Psychology, 1.	(3)	Psychology, 1.	(3)
Sociology, 3.	(2)	Sociology, 3.	(2)
ELECTIVE:		ELECTIVE:	
GROUP I.		GROUP I.	
Physics, 1, 2.	(3)	Physics, 1, 2.	(3)
Chemistry, 2, 3, 4.	(3)	Chemistry, 2, 3, 4.	(3)
Biology, 3.	(3)	Biology, 3.	(3)
Mathematics, 2, 3.	(3)	Mathematics, 2, 3.	(3)
Astronomy, 1.	(3)	Astronomy, 1.	(3)
Geology, 1.	(3)	Geology, 1.	(3)
GROUP II.		GROUP II.	
English, 4.	(3)	English, 4.	(3)
English, 7.	(2)	English, 7.	(2)
Greek, 3, 5, 7.	(3)	Greek, 4, 5, 7.	(3)
German, 1, 3, 5, 6.	(3)	German, 1, 3, 5, 6.	(3)
French, 1, 2, 3.	(3)	French, 1, 2, 3.	(3)
Latin, 3, 4,	(3)	Latin, 3, 4.	(3)
Hebrew, 1.	(3)	Hebrew, 1.	(3)
GROUP III.		GROUP III.	
Philosphy, 4.	(3)	Philosophy, 5.	(3)
Music, Advanced,	(2)	Music, Advanced,	(2)
Bible, 5.	(2)	Bible, 5.	(2)
History, 1.	(3)	History, 1.	(3)
Polit. Sci., 2, 5.	(2)	Polit. Sci., 2, 5.	(2)
Education, 1, 3, 5.	(3)	Education, 2, 4, 5.	(3)
Oratory,	(2)	Oratory,	(2)

Students must select one study from each group; a total of eleven hours is to be taken.

SENIOR YEAR.

FIRST SEMESTER.		SECOND SEMESTER.	
REQUIRED:		REQUIRED:	
Bible, 4.	(1)	Bible, 4.	(1)
Logic, 2.	(3)	Ethics, 3.	(3)
ELECTIVE:		ELECTIVE:	
GROUP I.		GROUP I.	
Astronomy, 1.	(3)	Astronomy, 1.	(3)
Geology, 1.	(3)	Geology, 1.	(3)
Mathematics, 2, 3.	(3)	Mathematics, 2, 3.	(3)
Chemistry, 2, 3, 4.	(3)	Chemistry, 2, 3, 4.	(3)
Physics, 1, 2.	(3)	Physics, 1, 2.	(3)
Biology, 3.	(3)	Biology, 3.	(3)
GROUP II.		GROUP II.	
English, 5, 7.	(2)	English, 6, 7.	(2)
Greek, 3, 5, 6, 7.	(3)	Greek, 4, 5, 6, 7.	(3)
Latin, 5, 6.	(3)	Latin, 5, 6.	(3)
French, 1, 2, 3.	(3)	French, 1, 2, 3.	(3)
German, 2, 3, 4, 5, 6.	(3)	German, 2, 3, 4, 5, 6.	(3)
Hebrew, 2.	(2)	Hebrew, 2.	(2)
Apologetics, 6.	(3)	Philosophy, 8.	(3)
GROUP III.		GROUP III.	
Philosphy, 6, 7.	(3)	Philosphy, 6, 7, 8.	(3)
Bible, 5.	(2)	Bible, 5.	(2)
Polit. Sci., 2, 4.	(2)	Pol. Sci., 2, 4, 6.	(2)
Music, Advanced,	(2)	Music, Advanced,	(2)
Education, 1, 3, 5.	(3)	Education, 2, 4, 5.	(3)
History, 1.	(3)	History, 1.	(3)
Oratory,	(2)	Oratory,	(2)

Students are to elect thirteen hours.

IMPORTANT NOTE.

The course of study as presented above being very considerably altered from that of the previous catalogue, some adjustment will be necessary in the higher classes for the coming year. Of the modifications made necessary the following are the most important: political economy will be required in the junior year in addition to what is recorded in the synopsis; and sociology, in the senior year.

Particular Description.

ENGLISH.

1. **Rhetoric.**—The course in rhetoric for the freshman class is intended (1) to cultivate the taste and develop the critical power of the student; and (2) to train him in accurate observation and thinking and to the use of clear, forcible, and elegant English. It includes the following:

a. A short course of lectures on the origin, development, and characteristics of the English language, and a brief review of the principles of style;

b. A study in the essentials of logic;

c. Theory and practice in the making of abstracts and plans, and in the various kinds of prose writing, especially in exposition and argumentation;

d. Rhetorical studies in assigned literature.

Freshman year, three hours a week; required.

2. **Anglo-Saxon and Middle English.**—Study of grammatical forms; reading of Sweet's Anglo-Saxon Primer and other selections; Sweet's First Middle English Primer with readings from Wiclif and Langland. Open to sophomores. First semester, three hours a week.

3. **Chaucer and American Literature.**—Readings and studies, under the direction of the professor, in the lives and masterpieces of our great writers. Open to sophomores, second semester, three hours a week.

4. **English Literature.**—The aim of the course is to emphasize the main facts in the development of the literature. Spenser, Shakespeare and Milton are ex-

tensively read and discussed. Open to juniors, three hours a week throughout the year.

5. **Criticism.**—A study of the principles governing literary composition. Open to seniors, first semester, two hours a week.

6. **Modern English Poets.**

(1) From Milton to Tennyson.—A critical study of short selections. Each representative poet is studied in relation to his personal environment and the intellectual condition of his age. Open to seniors; first half of second semester, two hours a week.

(2) A Study of Browning.—Open to seniors; second half of second semester, two hours a week.

7. **Oratory.**—This elective is open to seniors and juniors. Exposition and study of oratorical masterpieces, analysis of essays and arguments, themes and briefs. One year, two hours a week.

LATIN.

1. **Freshman Year.**—Cicero's De Senectute and De Amicitia, Pliny's or Cicero's Letters and Livy's story of the Hannibalic war. Along with the study of these texts there is collateral work upon the life, style, and works of the authors, as well as the social and political customs and problems of their times. There is also pursued a careful study of etymology and phonology, while the principles of syntax receive constant attention and elucidation. Required of freshman in classical courses; elective in scientific. Four hours a week throughout the year.

2. **Sophomore Year.**—During the first semester the Odes, Satires and Epistles of Horace are read, not so

much, however, as a study of language as of literature. The subject of prosody, as suggested by his various metres, is given due consideration. The second semester is spent upon the Germania and Agricola of Tacitus, and on selections from Quintilian. These works are alike valuable for their contents and literary style, and furnish conspicuous examples of later Latin. They are studied both from a literary and a linguistic point of view. Open to sophomores, three hours a week throughout the year.

To juniors the following courses are open:

3. **Oratory.**—(a) Cicero: De Oratore, (b) Cicero: Brutus or Oratio pro Milone, (c) Tacitus: Dialogus de Oratoribus.

4. **Drama.**—(a) Plautus: Aulularia, Rudens, (b) Plautus: Captivi, Trinummus, (c) Terence: Andria, Adelphoe.

Each of these three hours a week throughout the year.

To seniors the following are open:

5. **Ethics.**—(a) Cicero: De Finibus, (b) Cicero: De Officiis, (c) Seneca: Essays.

6. **Lyric Poetry.**—(a) Catullus, (b) Tibullus, (c) Propertius, (d) Latin Christian Hymns.

Each three hours a week throughout the year.

Each elective will receive the textual and collateral study appropriate.

Throughout the whole college course, students are encouraged and expected to make original investigation, to formulate their own conclusions, and to cultivate the art of literary criticism. As much time as possible is devoted to such collateral subjects as add both interest and information.

GREEK.

The general aim in this department is to learn to read Greek readily; to become acquainted with the Greek people as revealed in their great creations in history, oratory, philosophy, poetry and art; to arrive at a just estimate of the contribution of the Hellenic race to human progress.

1. **Attic Greek.**—The reading and study of easy Attic prose, begun in the Academy, is continued into the freshman year. Xenophon (Hellenica) or Lucian (Dialogues) are the authors read. The grammar is carefully reviewed and the study of prose composition continued. First semester freshman year, four hours a week.

2. **Ionic Greek.**—The second semester is devoted to Herodotus and Homer. The deviations from the Attic in accidence and syntax are carefully noted. The Iliad is studied as literature and an effort is made to trace its influence on later epics. Four hours a week.

3. **Orators.**—The third course embraces a study of the Greek orators during the first semester of the sophomore year. Several of the orations of Demosthenes are read and in this connection the rise and development of oratory is traced. Three hours a week.

4. **Philosophical Writings.**—The second semester of the sophomore year is devoted to literature on philosophy. Selections from Plato, Aristotle ond the Memorabilia of Xenophon are read. Three hours a week.

5. **The Drama.**—The fifth course embraces certain of the plays of Aeschylus, Sophocles, Euripides or Aristophanes. The Greek theatre and Greek dramatic art are studied and a number of plays read, others outlined. Open to seniors or juniors three times a week.

6. Greek Testament.—For a sixth course the Greek New Testament is offered. It is intended especially for those who expect to go to the theological seminary or who may wish to know the original of the New Testament. Open to the juniors and seniors three times a week.

7. Lyric Poets.—In lieu of courses 5 and 6 a course may be offered in the Lyric poets or in Modern Greek or in both.

Students that have pursued the study of German or French to the end of the sophomore year may take as an elective the Greek of the Academy (Lessons and Anabasis).

GERMAN.

German is a feature of the modern classical courses and runs parallel with the Greek in ancient classical. The aim is to master the language both as spoken and written. The works of some of the best classical and living authors are read and the materials in the different books furnish the subject for easy conversation in German.

Composition and rapid reading of living authors is a feature of the advanced work.

1. Freshman Year.—Easy prose (a) Aus Deutschen Meisterwerken, (b) Two Novellen by Baumbach, (1) Der Schwiegersohn, (2) Die Nonna, (c) Schiller's Das Lied von der Glocke, (d) Lessing's Minna von Barnhelm. First semester, four hours a week. (a) German Composition, (b) Goethe's Iphigenie, (c) German lyrics and ballads. Second semester, four hours a week. Required of freshmen in classical courses, offering German for entrance. Open also to juniors.

2. Sophomore Year.—(a) Goethe's Faust, Part I; (b) Schiller's Maria Stuart; (c) Lessing's Nathan der Weise are read the first semester. The second semester is devoted to the study of the best modern Novellen. Heyse, Jensen, Riehl, Storm, Seidel, Fulda and Wildbrandt are the authors read. These texts furnish the subjects of conversation in German. Three hours a week throughout the year. Open to sophomores and seniors.

3. History of German Literature.—The text used is Kluge's Deutsche Litteratur, supplemented by lectures. Then follow a study of the Romantic School, which includes the reading of Heine's Harzreise and Scheffel's Ekkehard. Open to juniors and seniors, three hours a week, throughout the year.

4. The Modern Drama.—(a) Freytag's Die Journalisten. (b) Moser's Der Bibliothekar. (c) Wildenbruch's Harold. (d) Hauptmann's Die Versunkene Glocke. (e) Sudermann's Johannes. (f) Lectures on the latest dramas. Open to seniors, three hours a week throughout the year.

5. Middle High German.—A course in Middle High German is offered to native German students, and to such other students as are qualified to take up this study. First, a brief study of Middle High German Grammar, and then Das Niebelungenlied and Gudrun are read. Three hours a week throughout the year.

6. (a) Goethe's Wilhelm Meister. (b) Schiller's Thirty Years' War. (c) Freytag's Aus dem Jahrhundert des grossen Krieges. First semester, three hours a week. (a) Goethe's Egmont. (b) Schiller's Die Jungfrau von Orleans. (c) Wieland's Oberon. Second semester, three hours a week.

Besides the above courses for advanced students the German of the junior and senior years of the Academy is open to students who wish to enter upon the study of German.

FRENCH.

The changes made in the course of study of the college puts French on an equality with other languages in the curriculum. Taken up after the four years of Latin required for entrance, rapid progress may be made in the mastery of the language.

1. **First Year.**—This year is devoted to grammar, composition, conversation, and easy reading. Open to all college students; four hours a week throughout the year.

2. **Prose Literature.**—This course includes a critical reading of some of the French prose classics, which will be varied from year to year; also conversation and composition. Open to all who have completed course 1; throughout the year, three hours a week.

3. **The Drama.**—The reading and interpretation of portions of French dramatic literature comprises the work of the third year. Open to all who have completed course 2; throughout the year, three hours a week.

HEBREW.

Hebrew is elective in the junior and senior years. The course is intended, (1) to prepare students to do advanced work as soon as they enter the theological seminary; (2) to enable them to specialize in some other department.

One year, three hours a week; open to juniors and seniors.

One year, two hours a week; open to seniors.

THE MENTAL SCIENCES AND PHILOSOPHY.

1. Psychology.—This course aims at a somewhat comprehensive view of the most important divisions of the science. Because of the value of psychology for knowledge and culture and its fundamental importance to the other studies of this department and to education the course is made more complete than usual. Instruction is by means of recitation, experiment, lectures and class discussions. Required of juniors, three hours a week for a year.

2. Logic and Scientific Method.—This course comprises a study of logic, deductive and inductive, of fallacies, logical theories and of scientific method. Abundant exercise is given in order to fix facts and principles and to cultivate keenness in analysis and discrimination. Required, three hours a week, first semester, senior year.

3. Ethics.—Ethics is placed near the end of the course in order that the philosophic aspect of the subject may be the better appreciated. The ethical facts are studied as they appear in life; then the theories of ethics are taken up for the purpose of obtaining a philosophical basis; and finally practical questions are handled by means of lectures and discussions. Required of seniors, second semester, three hours a week.

4. The History of Philosophy, Ancient and Medieval.—This course reviews the whole period under consideration, but gives special attention to Plato and Aristotle. It aims to trace the development and connections of philosophic conceptions and systems, and to indicate their relation to the life of their times. Open to juniors and seniors, first semester, three hours a week.

5. The History of Modern Philosophy.—The history of philosophy from Descartes down to the present, with special attention given to Kant. Open to juniors and seniors who have completed Course 4, second semester, three hours a week.

6. Readings in Spencer and Others.—The course aims to introduce the student at first hand to some important works mostly English and of our own time, by critical reading. The course varies from year to year, but two of the works commonly read are Spencer's First Principles and James' Will to Believe. Open to seniors three hours a week, for a year.

7. Kant.—A year in the critical study of Kant's philosophy. The time wil be devoted mainly to the Critique of Pure Reason. Open to Seniors, three hours a week for a year. This course is properly alternative to Course 6, but will be given if a sufficient number request, as an additional course.

8. The Philosophy of Religion.—This course is intended as supplementary to the course in apologetics. It aims to exhibit and defend a philosophic conception in harmony with the Christian religon. Open to seniors, and to others by special permission, three hours a week, second semester.

POLITICAL SCIENCE.

1. Political Economy.—A general survey is taken of the history, theories and generally accepted principles of Political Economy. A standard text-book such as Gide or Fettes, is used, supplemented by collateral studies, in Adam Smith, Mill, Ricardo, Walker, articles in cyclopedias, etc. Required two hours a week through the sophomore year.

2. Political Economy.—In the elective course substantially the same ground is covered, but more attention is given to the historical development of the science, and to the application of sound principles to current economic questions. Two hours a week throughout the year; open to juniors and seniors.

3. Sociology.—Under this head is included the history, various theories and principles of sociology. Important aims are, to show the extent of the field, to arouse an interest in the study, and to help to correct methods of sociological investigation. Wright's Practical Sociology is used as a text-book, but the systems of sociology as presented in Spencer, Ward and others are presented and discussed. Required, two hours a week, throughout the junior year.

4. Sociology.—The time will be devoted to a more detailed study of the history of Sociology, the theories of Giddings and to original inductive studies. Elective; two hours a week.

5. History of Civil Government.—The State, by Professor Wilson, is used as a text-book, with collateral study of constitutions. The aim is to trace clearly the great and distinctive features in the government of the leading European nations. Senior year, two hours a week.

6. International Law.—A brief course in the outlines of this important subject offered to meet the interest arising from our wider international relations. Open to seniors, second semester, two hours a week.

CHEMISTRY.

1. General Inorganic Chemistry.—The course includes a thorough study of the principal elements and their compounds, their occurrence in nature, prepara-

tion in the laboratory, etc.; also an introduction to the study of qualitative analysis. One year, six hours a week, counted in the course as three. Required of sophomores, except where students have already had one year in chemistry. Students entering college with one year of high-school chemistry will be excused from this course, but will not receive a credit for the same.

2. **Qualitative Analysis.**—Lecture and laboratory work, including the detection and separation of the metals, and the identification of the acids. Open to those who have completed course 1. One year, six hours a week, counted in the course as three.

3. **Quantitative Analysis.**—Lecture and laboratory work. This includes an introduction to the gravimetric and volumetric analysis, and the quantitative separation of the metals. Open to those who have completed courses 1 and 2. One year, six hours a week, counted in the course as three.

4. **Organic Chemistry.**—Lecture and laboratory work. This course includes a study of the aliphatic and aromatic series, with a preparation of the more important compounds. Open to those who have completed course 1. One year, six hours a week, counted in the course as three.

The chemical laboratory is well equipped for thorough work in the courses offered. Especial attention will be given to a scientific method of observation and interpretation of results. Each student will make a complete and systematic record of all his investigations.

PHYSICS.

1. This course includes a study of mechanics of sol-

ids and fluids; also a thorough study of magnetism and electricity. One year, four hours a week, two of which are spent in recitation and lecture, and two in laboratory work. Counted in the course as three hours.

2. This course includes a thorough study of heat, light and sound. One year, four hours a week, two of which are spent in recitation and lecture, and two in laboratory work. Counted in the course as three hours.

The apparatus has been increased during the last few years, and is amply sufficient for strong courses in the subjects offered.

BIOLOGY.

1. Botany.—This course includes the anatomy and physiology of plants, together with a brief course in microscopical method and histology. Lectures, laboratory and field work. Open to all college students; four hours a week throughout the year.

2. Zoology.—A study is made of typical forms of animal life, tracing the development from lower to higher forms. Lectures, laboratory and field work. Open to sophomores, juniors and seniors; three hours a week throughout the year.

GEOLOGY.

A general course in structural, dynamic and historical geology, also a brief course in mineralogy and crystalography. Lectures, laboratory and field work.

The library contains valuable reference works, including the state geological reports of Minnesota.

There is a good collection of specimens, which is added to each year.

Open to juniors and seniors, three hours a week throughout the year.

MATHEMATICS.

1. (a) Higher Algebra.—A rapid review is made of simple equations, ratio and proportion, progressions and quadratics, followed by infinitesimal analysis, development of binomial and Taylor's formulas, logarithmic series and discussion of higher equations, series, etc.

(b) Trigonometry.—An attempt is made to give the student a clear understanding of trigonometric functions, development of formulae and their application to the solution of problems.

(c) Analytic Geometry.—This course is intended to give the student a concise knowledge of plane analytic geometry, sufficient for elementary courses in physics and astronomy.

Open to all students, and required of freshmen who elect a scientific course; four hours a week throughout the year.

2. (a) Analytic Geometry.—This is a continuation of course 1 (c). Equations of straight lines, and the principal curves and their tangents are discussed by both rectilinear and polar coordinates. Fourteen weeks in the fall.

(b) Differential and Integral Calculus.—A brief treatment of the subject. Twenty-four weeks in winter and spring.

Open to all who have completed course 1; throughout the year, three hours a week.

3. This course will be chosen from the following subjects: surveying, mechanics, or theory of equations. One year, three hours a week. Open to all who have completed course 2.

ASTRONOMY.

The aim of this course is to give the student some idea of the solar system, its position with reference to the stars and the position of the Earth in its system. Some of the simpler astronomical problems, such as the determination of time, latitude and longitude, parallax, distance and magnitude are discussed. The principal constellations are located and the student made familiar with the appearance of the heavens at different times of the year.

Open to all who have completed Course 1 in mathematics; one year, three hours a week.

EDUCATION.

1. The History of Education.—A review of the history of education by means of lectures, readings, recitations, class discussions and papers. Open to sophomores, juniors and seniors, three hours a week, first semester.

2. The History of Education in the United States.—A survey of the progress of education in this country, elementary and higher; the present status, organization and tendencies. The year in the history of education is completed by a brief comparative study of the modern European systems of education. Open to all who have completed Course 1, three hours a week, second semester.

3. The Principles of Education.—This course offers

a study of the nature of education; its object, and purposes; its means and methods. Open to seniors and juniors, three hours a week, first semester.

4. **School Organization and Management.**—A course intended for such as look forward to teaching as a life work. The course will consider the details of educational organization and management. Open to seniors and juniors, three hours a week, second semester.

5. **A Reading Course.**—This course proposes a reading and discussion in some of the more important educational writers of ancient and modern times; such as Plato, Aristotle, Quintilian, Locke, Rousseau, Herbart, and Spencer. Open to juniors and seniors, also to others on approval of the faculty, two hours a week, thruout the year.

BIBLE AND APOLOGETICS.

1. **The Life of Christ.**—Two semesters, one hour a week. Text-books, Stevens and Burton's Harmony, and Burton and Matthews' Constructive Studies. Required of freshmen.

2. **"The Book of Acts and Letters of Paul."** This is a study of the primitive church as described in the Acts, and an analytic study of Paul's epistles. Two semesters, one hour a week. Required of sophomores.

3. **The Prophets.**—This includes a study both of the prophets themselves and of some of their writings. Text-books, Beecher's The Prophets and the Promise, and special volumes in the Expositor's Bible by George A. Smith. Two semesters, one hour a week. Required of juniors.

4. **The Messianic Promise.**—This is a careful study of the doctrine of the Messiah in both Old and New

Testaments. Text-book, The Prophets and the Promise, by Beecher. Two semesters, one hour a week. Required of seniors.

5. The Literary Study of the Bible.—This course is a study of the different literary forms found in the Bible. It includes a special study of the Book of Job. Text-book, Moulton's Literary Study of the Bible. Two semesters, two hours a week. Open to juniors and seniors.

6. Apologetics.—This course aims chiefly at two things:

First, a brief exposition of Christian theism and an exhibition of its superiority in philosophy and in practice to the various opposing theories; deism, pantheism, materialism and agnosticism.

Secondly, a summary of the argument for historical Christianity and an examination of criticisms and objections, especially those of our own day. First semester, three hours a week. Open to seniors.

For further courses see the departments of Greek, Hebrew and Philosophy.

HISTORY.

Course 1.—From the Establishment of the Roman Empire, 31 B. C. to 1500 A. D. This course will show the influence of Roman imperial institutions upon modern institutions. It will take up the organization of the empire, the Germanic invasions, the rise and growth of the papacy, the feudal system, the crusades, and the formation of modern European nations, especially as illustrated by Germany and France and the renaissance. Historical documents and original sources will be studied in connection with text-books, supplement-

ed by lectures. Open to sophomores, juniors and seniors, three hours a week throughout the year.

In the next publication of the catalogue, further courses will be announced.

ATHLETIC FIELD.

Dramatic Art.

The department is under the direction of Miss Grace Whitridge, a post-graduate of the Boston School of Oratory, and a graduate of the National Conservatory of Dramatic Art of New York.

1. **Method.**—The system of training is based upon the principles taught at the Conservatoire in Paris.

"Every art must have an underlying science. Creation is the exponent of supreme power and wisdom. Art is the exponent of all human power and knowledge. Science is systematized knowledge. Elocution is both a science and an art. As a science it recognizes emotion, dissects it, arranges it and presents for study the factors which produce it. As an art it puts into practice the appropriate, natural and artificial means by which emotion can be expressed. This being understood, the student of acting or of elocution is taught that emotion is the expression of a sensation aroused by some external circumstance, and he is made to analyze and represent the physical effects which the various emotions in nature produce, and the natural language by which they express themselves."

2. **The aim** of the work is to teach the students scientific principles and to give them artistic and practical training which will enable them to avoid all affectation and rant, all mere trickery and striving for effect. Every pupil must pass a prescribed percentage to entitle him or her to a public appearance.

3. **Outline of Study—**

(1) Breathing, Voice Production—Theory, practice.

Science and art of elocution in its relation to reading, recitation and oratory—Factors of expression.

(2) Analysis of Emotions—Theory, practice.

Physical Training—Pose, gesture, facial expression.

Analysis and rehearsing of one Shakespearean play.

Bible reading.

Elocution is required in the freshman year and is open as an elective study to juniors and seniors. Students taking elocution are required to pass examinations as in the case of other studies.

Art.

For students who wish to devote a part of their time to the study of Art satisfactory arrangements are made with the St. Paul School of Fine Arts. Rates of tuition will be furnished on application.

This school is located at 48 East Fourth, about thirty minutes from the college and within one block of the street car line that runs through the college grounds. The officers of the school are: Mrs. Herbert Davis, President; Miss Clara Sommers, Secretary; Miss Anna Carpenter, Treasurer. The Director is Miss Bonta, of New York City.

The school opens October 1st and closes June 1st. The schedule of hours is: Morning, 9 to 12; afternoon, 2 to 5; evening, 7 to 9:30.

Classes are conducted as follows: Life Class, Class in Antique and in Design. There is also a class in Out-of-Door Sketching in fall and spring. For further information address Miss Bonta, School of Fine Arts, St. Paul, Minn.

SCHOOL OF MUSIC.

Department of Music.

The students of music are under the instruction of Professor Harry E. Phillips, of St Paul, and an able corps of assistants. Mr. Phillips has had the advantage of a thorough training both at home and abroad. He spent four years of study in Stuttgart, Germany, under Professors Speidel (piano), Breed (voice), Faisst (organ) and Goetschius (harmony).

Since his return in 1889 he has been successfully engaged in the teaching of music in the city of St. Paul, and has been prominently identified as a baritone and director of music with various important churches of the city, namely: Dayton Avenue Presbyterian, St. Luke's Catholic, People's Church, St. John's Episcopal, Jewish Synagogue, Hennepin Avenue Methodist Episcopal Church, Minneapolis, now with the Westminster Presbyterian Church, Minneapolis.

Associated with Professor Phillips are: Prof. H. G. Fairclough in advanced piano work, Mrs. H. E. Phillips in preparatory work, W. H. Nelson, violin, and J. K. Ryder, mandolin, guitar and banjo. Mrs. Phillips has made a thorough study of the piano, and is exceptionally well qualified to carry on all of the preliminary work, which is of so great importance to the student and the value of which is so often underestimated. This preliminary work includes the study of perfect hand position, the thorough knowledge of time, the study of phrasing and accentuation, etc.

The Place of Music.—Music has been viewed too much as a mere accomplishment. It has come to be

recognized, rather, as having high educational value and as constituting an important part of a complete education.

Music as an Elective.—To encourage the more thorough study of music, students are permitted to take advanced work in music, in the junior and senior years, subject to the approval of the faculty, in lieu of some other elective.

The Course of Study pursued embraces the following branches:

Piano-forte, vocal culture, organ, violin and other stringed instruments, harmony, counter-point, and general musical theory.

Piano.—It is the aim of this department to make thorough pianists. Modern science has accomplished much in the study of the arm, wrist, knuckles and fingers, involving many new motions and combinations for controlling touch and technique. Much disappointment and misdirected effort can be spared by proper attention to the details at the outset. Pupils are expected to study harmony, musical analysis, and the correct reading of all signs of expression, phrasing, dynamic values, touch, proper use of the damper pedal, etc.

All students upon entering the School of Music will be examined by Professor Phillips and properly classified. Examinations will also be made by him from time to time of pupils in the preparatory school.

The preparatory course takes the student from beginning through "Mason's Touch and Technique," Book 1; Douvenoy, Opus 120; Lorschorn, Opus 65;

Bach, 2 part inventions; easy sonatas by Haydn, Mozart, Kullak and Clementi.

The advanced work comprises the study of Bertini, Op. 29; Heller, Op. 45; Cramer, 50 studies, or Clementi's Gradus; Kullak, octave studies; sonatas by Mozart, Beethoven; Mendelssohn's Songs without Words; Chopin's preludes, mazurkas, nocturnes, etc.; Heller's Art of Phrasing; Bach preludes and fugues; a few of the Chopin studies, and the more difficult sonatas of Beethoven; selections from Chopin, Mendelssohn, Weber, Schumann, Schubert and others.

Graduate Course.—The more difficult Chopin studies; Bach, organ preludes and fugues, arranged for piano; concertos, and the more difficult selections, Beethoven, Mendelssohn, Chopin, Rubenstein and Henselt.

Voice Culture.—In the department of vocal music, those methods which experience justifies as being at once effective and artistic in their results, have been adopted. It is the policy to secure a systematic and thorough culture on the basis of the best Italian methods. All students are expected to pursue a course of theoretical study to perfect themselves in sight-reading and in all essential and practical details of the art, which are sometimes neglected in behalf of superficial and showy features.

Forward, high-placing and deep resonance of tone, is the true basis of voice work, special attention being paid to the breathing exercises.

The celebrated methods of Dellesedi, Shakespeare, and others are used; also Vocalisses, Concone, Sieber and Marchesi; songs by Lassen, Grieg, Bach, Gounod, Schubert, Mendelssohn, Wagner and others.

The Organ.—The course of study on this instrument will include Rinck's Organ School, Buck's Pedal Studies, Bach's Preludes and Fugues, Mendelssohn's Sonatas. Registration, and playing of church music will receive special attention. Students have access to a good harmonium with two manuals, run by electricity, in a heated room, for winter practice, and a pipe organ in summer.

The study of harmony, counter-point, etc., is obligatory on the part of those who receive certificates or diplomas. Certificates will be awarded at the close of the first and second years, and a diploma at the close of the third year, to pupils who pass the regular examinations in their respective classes.

Sight Reading.—Classes for those who wish to take up the work will be formed, and the cost will be nominal.

History of Music.—In the study of the history of music Mathew's Popular History of Music and Fillmore's Lessons in Musical History are used. Students also have access to all of the best and most complete works bearing on the study of the voice and piano.

Violin.—Instruction on the violin is given by Professor William Nelson, of St. Paul, one of the most competent teachers in the city.

Satisfactory provisions will be made for any who wish to take lessons on other string instruments.

Recitals in both vocal and instrumental music are given from time to time, in which all musical students are required to participate. There is opportunity every season to hear three of the great oratorios rendered by the St. Paul Choral Club, 200 voices. Students suf-

ficiently advanced in music may become members of this club, or of the Schubert Club, on recommendation of Professor Phillips, on payment of a fee of three dollars. The past year quite a number of the music students have enjoyed the advantage of a membership in one or other of these clubs.

College Chorus.—The College Chorus, begun modestly about four years ago, has grown to a strong, enthusiastic organization of sixty voices. On the evening of March 25th it appeared by invitation of the pastor in Westminster Church, Minneapolis, in a program of sacred music. The Chorus, most of whose members had little musical training on entering, shows how much can be accomplished by earnest, conscientious work in a short time.

Those students doing preparatory work wishing to study with Mr. Phillips, may do so by paying the prices for advanced work.

Harmony will be taught in classes at 50 cents a lesson.

The cost of sheet music for a year is comparatively small, as reduced rates are given the students.

Students in music should set aside a certain sum each term for the purpose of hearing the best musical talent in vocal, piano, and orchestral concerts that comes to the city.

Music students are required to take studies in the College or Academy to the number of five hours a week without extra charge.

Music, instrumental or vocal, may be taken as an elective in the junior and senior year, provided the student is sufficiently proficient to do advanced work. A minimum of not less than six hours a week must be

devoted to the study and it will not be accepted for more than two periods or credits per week. The fitness of the student to take this elective will be determined by examination, and the expense of the instruction must be borne by the student.

Every student who intends graduating in vocal music must have at least one year of German.

GRADUATES.

Miss Pearl Rose Neeb, - - - - Lewiston, Minn.
Miss Charrie Antonette Roberton, - - Rushford, Minn.
Miss Mildred Gretchen Phillips, - - - St. Paul, Minn.
Miss Carmen Beatrice Mahlum, - - Brainerd, Minn.
Mr. Paul Theophil Rusterholtz, - - St. Paul, Minn.

PROGRAMME.

(June 6, 1906.)

"Prologue" from Opera Pagliacci, - - - Leoncavallo
MR. RUSTERHOLTZ.

Piano—Fantasia in C minor, - - - - - Bach
MISS PHILLIPS.

Aria—O had I Jubal's Lyre (from Joshua), - - Haendel
MISS NEEB.

Recit. and Aria—Farewell, Ye Mountains, - - Tschaikowsky
MISS ROBERTON.

Vocal—Im Herbst, - - - - - - - - Franz
MISS MAHLUM.

Piano—a. Spinning Song, - - - - - Mendelssohn
b. Vogel als Prophet, - - - - - Schumann
c. Impromptu, - - - - - - Chopin
MISS PHILLIPS.

Aria—Revenge, Timotheus Cries, - - - - Haendel
MR. RUSTERHOLTZ.

Vocal—a. Elizabeth's Prayer, "Opera Tannhauser" Wagner
b. Solveg's Song, - - - - - - Grieg
c. Summer, - - - - - - Chamanide
MISS NEEB.

PROGRAMME.—Continued.

VOCAL—**a.** Silently Blending, - - - - - - Mozart
b. Devotion, - - - - - - Schumann
c. The Spring Has Come, - - - - - White
MISS ROBERTON.

PIANO—Polonaise in E, - - - - - - - Liszt
MISS PHILLIPS.

VOCAL—**a.** May Day, - - - - - - Walthew
b. Without Thee, - - - - - - D'Hardelot
c. My Heart at Thy Sweet Voice, - - - Saint-Saens
(From "Samson et Dalila")
MISS MAHLUM.

VOCAL—**a.** Du bist die Ruh, - - - - - Schubert
b. Anathema, - - - - - - von Fielitz
c. Was ist Liebe, - - - - - - Ganz
MR. RUSTERHOLTZ.

TRIO—O, Holy Father, - - - - - - Machetti
MISSES NEEB, ROBERTON, MAHLUM.
MISS BESSIE A. GODKIN, Accompanist.

Terms.—Piano. Preparatory, per semester:
Two lessons a week.....$28.00
One lesson a week.....16.00
Piano, advanced, voice, or organ, per semester:
Two lessons a week.....45.00
One lesson a week.....23.00
Rent of Piano for practice, per semester, one hour per day **3.25**
Two hours per day.....6.50
Three or more hours per day.....9.00
Incidental fee, each semester.....5.00

COLLEGE TEXT-BOOKS.

MATHEMATICS.—Olney's University Algebra, Bailey & Woods' Analytic Geometry, Osborne's Differential and Integral Calculus, Wentworth's Trigonometry.

ENGLISH.—Baldwin's Manual of Rhetoric, Sweet's Anglo-Saxon Primer and First Middle English Primer, Brooke's Primer of English Literature, with full text of Matthew Arnold, Chaucer, Spenser, Shakespeare and Milton; from Milton to Tennyson by Syle, Elements of Literary Criticism by Johnson, Modern Specimens of Argumentation by Baker, Introduction to Browning by Corson.

LATIN.—Harkness' Complete Grammar, Prichard and Bernhard's Pliny's Letters, Westcott's or Lord Livy, Hopkins' Tacitus. Any standard edition of the other authors may be used.

GREEK.—Liddell & Scott's Intermediate Greek Lexicon, Hadley-Allen's Greek Grammar with Goodwin for reference, Haigh's The Attic Theatre and The Tragic Drama of the Greeks, Strachan's, Herodotus, Williams' Lucian, Seymour's Iliad, Tyler's Demosthenes, Kitchel's Plato's Apology.

GERMAN.—Joynes-Meissner's Grammar, Harris' German Composition, Thomas' Faust, Part I., Soll und Haben, Das Lied von der Glocke, Der Lindenbaum, Bernhardt's Deutsche Litteraturgeschichte, Baumbach's Schwiegersohn and Die Nonna, Scheffel's Ekkehard, Stern's Aus Deutschen Meisterwerken, Maria Stuart, Minna von Barnhelm, Nathan der Weise, Iphigenie, Johannes, Klenze's Deutsche Gedichte, Harzreise, Die Journalisten, Der Bibliothekar, Die Versunkene Glocke, Egmont, Die Jungfrau von Orleans, Schiller's Thirty Years' War, Freytag's Aus dem Jahrhundert des grossen Kreiges, Ein Kampf um Rom by Dahn, Doctor Luther.

FRENCH.—Fraser and Squair's Grammar, Sym's Letters of Madame de Sevigne, Le Cid, Picciola, Histoire de France, Guerber's Contes et Legendes, Part I, Racine's Iphigenie.

HEBREW.—Harper's Inductive Method and Manual, Davies' Complete Hebrew and Chaldean Lexicon.

LOGIC.—Hyslop; for reference Mill, Jevons, Hamilton, Venn, Sigwart.

PSYCHOLOGY.—James' Principles; for reference Baldwin, Ladd, Hoeffding, Sully.

ETHICS.—Paulsen's System of Ethics; for reference Green, Martineau, Sidgwick, Porter.

PHILOSOPHY.—History of, Weber; James' The Will to Believe; Spencer's First Principles; Kant's Critique of Pure Reason, Mueller's translation.

POLITICAL SCIENCE—Gide's Principles of Political Economy; for reference and outlines, Mill, Ricardo, Adam Smith, De Laveleye, Walker and others; Davis' Elements of International Law.

SOCIOLOGY.—Wright's Practical Sociology; for reference and outlines, Spencer, Ward, Giddings, Bascom, Henderson and others.

HISTORY OF CIVIL GOVERNMENT.—Wilson's The State, Constitutions, edited by F. A. Cleveland, Constitution of the United States, by Hinsdale.

CHEMISTRY.—Newth's Inorganic Chemistry, Noyes' Qualitative Analysis, Remsen's Organic Chemistry.

PHYSICS.—Carhart's University.

GEOLOGY.—Le Conte's Elements and others for reference.

BIOLOGY.—Shipley & McBride's Zoology, Vine's Elementary Botany.

ASTRONOMY.—Young's General.

BIBLE.—Revised Version. Stevens and Burton's Harmony of the Gospel with notes, Burton and Matthew's constructive studies in the Life of Christ, Purves' Christianity in the Apostolic Age, Westcott and Hort's Greek Testament, Moulton's Literary Study of the Bible, Bruce's Apologetics.

EDUCATION.—Davidson's History of Education; Dexter's History of Education in the United States, and reference books.

CLASSICAL ACADEMY.

The Academy.

FACULTY.

JAMES WALLACE, PH. D., PRESIDENT OF COLLEGE.

EDWARD C. DOWNING, PH. D., PRINCIPAL.
Latin.

JULIA M. JOHNSON, A. M.
English.

REV. HENRY D. FUNK, A. M.
Biology and Physiology.

REV HENRY D. FUNK, A. M.
German.

RICHARD U. JONES, A. B.
Mathematics and Physics.

REV. A. CARDLE, A. B.
Bible.

FREDERIC G. AXTELL, A. M.
Greek.

ASA J. FERRY, A. B.
History and English.

MRS. H E. PHILLIPS.
Music.

GERTRUDE CRIST.
Typewriting and Stenography.

Admission and Courses.

The purpose of the Academy is to prepare thoroughly for the standard courses in any college, and to provide a good general education for those who cannot continue their studies further.

The languages of the Ancient Classical Course are Latin and Greek; of the Modern Classical, Latin and German. The Scientific substitutes science for the English and history of the junior year and the Latin of the senior year.

Besides the above, a course including **Commercial Studies** is offered. In this course, commercial studies, such as commercial arithmetic and geography, commercial law, business correspondence, stenography and typewriting, etc., are substituted for the Latin and German of the Scientific.

Requirements for Entrance. All applicants for admission to the first year class are examined in orthography, elementary English and arithmetic (through factoring), descriptive geography, and United States history. Applicants for admission to higher classes will, in addition to the above, be examined in the studies of the classes below that for which they apply. Certificates are accepted in lieu of examinations in so far as they represent equivalents in time and in work of studies prescribed in the academic courses.

Students should bring with them certificates of standing and grades in schools from which they may come, stating the text-books used and the amount of time spent upon each study.

SYNOPSIS OF ACADEMIC COURSES OF STUDY.

FIRST YEAR.	1st Sem.	2nd Sem.
Bible,	*(1)	(1)
Eng. Comp.,	(4)	(4)
Latin,	(5)	(5)
Eng. Hist.,	(4)	...
Greek Hist.,	...	(4)
Phys. Geog.,	(3)	(3)

SECOND YEAR.	1st Sem.	2nd Sem.
Bible,	(1)	(1)
Rhetoric,	(4)	(4)
Latin,	(5)	(5)
Rom. Hist.,	(3)	...
Civics,	...	(3)
Algebra,	(4)	(4)

JUNIOR YEAR.

	FIRST SEMESTER. Class.	FIRST SEMESTER. Sci.	SECOND SEMESTER. Class.	SECOND SEMESTER. Sci.
Bible,	(1)	(1)	(1)	(1)
English,	(2)	...	(2)	...
Med. and Mod. Hist.,	(2)	...	(2)	...
Latin,	(4)	(4)	(4)	(4)
Greek or German,	(5)	...	(5)	...
Mathematics,	(5)	(5)	(5)	(5)
Biology,	(4)	(4)	(4)	(4)
	...	(4)	...	(4)

SENIOR YEAR.

	FIRST SEMESTER. Class.	FIRST SEMESTER. Sci.	SECOND SEMESTER. Class.	SECOND SEMESTER. Sci.
Bible,	(1)	(1)	(1)	(1)
Eng. Lit.,	(2)	(3)	(2)	(3)
Latin,	(4)	...	(4)	...
Mathematics,	(4)	(4)	(3)	(3)
Greek or German,	(5)	...	(5)	...
Physics,	(5)	(5)	(5)	(5)
Zoology,	(3)	(3)	(3)	(3)
	...	(4)	...	(4)

* Figures refer to the number of hours a week for each subject.

Particular Description.

ENGLISH.

The academic course in English prepares for college entrance and at the same time offers a course somewhat complete in itself.

First Year. The first year is devoted to the study of composition, including punctuation, capitalization, etc., along with a review of English grammar. One year, four hours a week.

Second Year. In the second year the text used is Herrick and Damon's Rhetoric. Special emphasis is placed upon the study of words, figures of speech, elements of sentence and paragraph structure. Models from the required list of authors are studied. As a means of gaining facility, precision and force of expression, students are required to prepare one or more short themes weekly. One year, four hours a week.

Junior Year. During this year composition is continued, with analysis of masterpieces in the uniform admission requirements. Training in discussion and debate. One year, two hours a week.

Senior Year. In the senior year Painter's Introduction to English Literature is the text-book. Subjects for composition are taken from the required reading. Much attention is paid to the application of sound principles of criticism to the literature read. One year, two hours a week, first semester; three, the second.

For the literature to be read before entering the freshman class, see English required for entrance.

MATHEMATICS.

The course in mathematics includes arithmetic, algebra, geometry.

Arithmetic is offered to students in the commercial course throughout the first year, and is open to any others who may need the review. Great familiarity with the elementary principles is required, and abundant practice in the solution of problems is given; also in business methods and customs. One year, four hours a week.

Elementary Algebra is taken up at the beginning of the second year and is continued throughout the year, reciting four times a week. The aim is to ground the student thoroughly in the fundamental operations of algebra which lies at the basis of the mathematical course.

Advanced Algebra. The work of the junior year in algebra carries the student through quadratic equations.

Geometry is begun in the second semester of the junior year and continued through the senior year. Students are required not only to master the text-book, but also to solve numerous original problems and theorems. Four hours a week.

LATIN.

Latin is a required study in each of the academic courses. During this time devoted to this study the student is expected to acquire a large vocabulary, a wide knowledge of the rules of syntax, and the ability to convert English into the Latin idiom. These things furnish an indispensable basis for the work pursued in

the college classes. Special attention is given to the forms and structure of the language, which are studied by severe methods of both analysis and synthesis. The grammar is thoroughly studied, and the memory is helped by a rational explanation of forms.

Latin Lessons. The first year is spent in the study of the declensions and conjugations, syntax and vocabulary, in making translations daily to and from the Latin, and in conversation. Five hours a week.

Caesar and Composition. The second year is devoted to careful and thorough study of Caesar and composition. Five hours a week.

Cicero and Composition. The junior year is devoted to Cicero, composition, and a more thorough study of the grammar. Four hours a week.

Virgil. The senior year is devoted to Virgil. The Aeneid is studied both textually and as literature. Four hours a week.

GREEK.

Greek is a required study alternative to German in the classical courses.

1. **Lessons.** The aim of the first year's study of Greek is to master the elements, six hundred to eight hundred carefully selected Greek words, and two or more chapters of the Anabasis. The method followed, after the more important paradigms are mastered, is in the main inductive. Five hours a week.
2. **Anabasis and Composition.** In this year an effort is made to read thoroughly four books of the Anabasis. The reading is accompanied with prose exercises and sight-reading in the fifth and sixth books.

Special effort is made to master a large vocabulary. Five hours a week.

GERMAN.

German is a required study in the classical courses unless Greek is chosen.

First Year.—(a) Grammar, Spahnhoofd, (b) Glueck Auf. First semester, five hours a week.

(a) Grammar continued, (b) short stories, sight reading. Second semester, five hours a week.

Second Year.—(a) Easy German Stories, Allen & Batt, (b) Grimm's Maerchen, (c) Stern's Geschichten vom Rhein. First semester, five hours a week.

(a) Storm's Immensee, (b) Hermann und Dorothea, (c) Wilhelm Tell, (d) Stein's German exercises once a week throughout the year.

HISTORY AND CIVICS.

History. The aim of this department is the acquisition by the student of such historical and political knowledge as will be a necessary element in general culture and a solid foundation for further studies in history and government. The method of teaching employed is that of the text-book with assigned topics for investigation. The course laid out falls under five heads as follows:

English History. First year, first semester, four hours a week.

Greek History. First year, four hours a week

Roman History. Second year, first semester, three hours a week.

Civics. An elementary study of the different branch-

es of government, local, state and national in this country. Second year, second semester, three hours a week.

Medieval and Modern History. Junior year throughout, two hours a week.

With a view of deepening the interest in these subjects, it is proposed to give a course of illustrated lectures on Greek and Roman art.

SCIENCE.

The academic or preparatory course in science covers in all, four years' work. It is distributed as follows:

Required of all regular students:

Physical Geography. First year throughout, three hours a week.

Physics. Senior year throughout, three hours a week.

Required of students taking the scientific course:

Physiology. First semester, junior year, four hours a week.

Botany. Second semester, junior year, four hours a week.

Zoology. Senior year throughout, four hours a week.

Chemistry. In place of zoology a year of chemistry may be taken.

Students of these branches have access to the apparatus and laboratories of the collegiate department.

It is expected that during the coming year substantial additions will be made to the physical and biological laboratories, and everything possible will be done to keep the department of science abreast of the times.

BIBLE.

Bible is required one hour a week in each of the four years. The aim is to familiarize the students with the main facts of biblical history. The Bible is so vitally related to human progress and welfare that it justly claims a place in any course of liberal training.

Commercial Course.

FIRST YEAR.

English Composition, 4.
Commercial Arithmetic, 4.
Civics (2nd Sem.) 3.
Commercial Spelling (1st Sem.) 4.
Physical Geography, 3.
Penmanship, 4.
Bible, 1.

SECOND YEAR.

Commercial Geography, 3.
Bookkeeping, 5.
Rhetoric, 4.
Commercial Law, 2.
Penmanship, 4.
Bible, 1.

THIRD YEAR.

Shorthand, 5.
Typewriting, 5.
Business Correspondence, 2.
Junior (Acad.) English, 2.
English History (1st Sem.) 3.
Modern History, 3.
Bible, 1.

On the satisfactory completion of this course a diploma will be given. For this a charge of $2.50 is made.

Students who have already completed some of the above studies may elect a course covering one year, on completion of which a certificate will be given attesting the work done.

Course of Study.

Graham's Standard Phonography is the system taught. There are other systems easier to learn, but, so far as demonstrated, there is no system that outranks it in speed, legibility and all-round utility. This system is used by more than fifty per cent. of all court reporters in the United States. We do not aim to compete with the "short term" schools, for the average student requires from six to twelve months to reach a speed of one hundred to one hundred and twenty-five words a minute in shorthand, new matter, and from thirty-five to forty words a minute on the typewriter on matter transcribed from notes.

The fees are the same as in the Academy. See page 76.

Students who are pursuing collegiate or academic courses may take the shorthand without extra charge if this can be done without prejudice to their class standing.

Students may enter bookkeeping at any time in the year and the progress depends entirely upon their ability and the time devoted to the study.

TEXT BOOKS.

MATHEMATICS.—Packard's Commercial Arithmetic, Wentworth's School Algebra, Olney's University Algebra, Wentworth's Geometry.

ENGLISH.—Powell and Connolly's English Grammar, Herrick & Damon's Rhetoric, Painter's Introduction to English Literature, College Entrance Requirements.

LATIN.—Harkness' Complete Latin Grammar, Smiley & Storke's Beginning Latin Book, Pearson's Prose Composition, Harkness & Forbes' Caesar, Harper's & Gallup's Cicero, Frieze's or Knapp's Virgil.

GREEK.—Hadley-Allen's Grammar, Harper & Wallace's Anabasis, Ball's Elements of Greek, Jones' Prose Composition.

GERMAN.—Spahnhoofd's Grammar and Stein's Exercises, Part II., Glueck Auf, Allen & Batt's Easy German, Vol. I., Stern's Geschichten vom Rhein, Storm's Immensee, Wildenbruch's Harold, Grimm's Maerchen, Wm. Tell, Der Prozess by Benedix, Seligmann's Altes und Neues, Deutsche Gedichte by Mueller, Hermann und Dorothea.

HISTORY.—Coman & Kendall's English History, Morey's Greek History, Morey's Outlines of Roman History, Munro and Whitcomb's Mediaeval and Modern History.

SCIENCE.—Dryer's Physical Geography, Carhart & Chute's Elements of Physics, Blaisdell's Physiology, Williams' Chemistry, Coulter's Plants, Orton's Comparative Zoology.

CIVICS.—Fiske's Civil Government in the United States.

BIBLE.—American Revision, Aglen's Old Testament History.

COMMERCIAL STUDIES.—Ellis System of Bookkeeping, Williams & Roger's Commercial Law, Day's Shorthand, Loomis' Practical Letterwriting, Seventy Lessons in Spelling.

Expenses.

The students' fees are paid as follows:

College—At the fall opening	Tuition,	$16.00
	Incidental fee,	6.00
" At the beginning of the Second Semester	Tuition,	16.00
	Incidental fee,	6.00
Academy—At the fall opening	Tuition,	13.00
	Incidental fee,	4.50
" At the beginning of the Second Semester	Tuition,	13.00
	Incidental fee,	4.50

The incidental fee is charged to meet the expense of fuel and repairs, except that $1.50 of every incidental fee is devoted to athletic purposes.

Edwards Hall (for young men)—Board, per week, average ..... $2.35 to 2.50
Room rent, per week..... .35
Light and heat, per week, estimated.... .25

All students (except those rooming in Edwards Hall) boarding in Edwards Hall and Eutrophian Hall are charged ten cents a week for dining hall rent.

Eutrophian Club (for young men)—Board, per week ..... 2.40 to 2.60

The Elms (for young women)—Board, per week 3.00
Room rent, per week, including light and heat, according to room occupied..... .75 to 1.00
Plain washing, dozen pieces per week... .25

Dormitory—Room rent, with light and steam heat (inner rooms) ..... .75
Corner rooms, each..... 1.00

Students rooming in the Dormitory board at Eutrophian, in private families or in Edwards Hall.

Private Families.—Board, per week.....$3.50 to 4.00
Room rent, per week..... .75 to 1.00
Students boarding themselves may reduce the cost somewhat.

Extra Charges—

Physical Laboratory, Academy, per semester..$1.00
Physical Laboratory, College, per semester.... 1.50
Analytic Chemistry, per semester..... 5.00
Biology, per semester..... 1.50
Breakage of apparatus in Laboratory...Actual Cost
College Diploma $5.00
Academic Diploma 2.50

Each student in the Dormitory or in Edwards Hall is required to deposit $2.00 as a guarantee against damage to college property, and to make it up to that amount at the opening of each semester thereafter. From this fund will be deducted (1) charges for repairing for which he is personally responsible; (2) charges (pro rata) for damages done in dormitory or hall by unknown hands. The surplus, if any, is refunded to the students at the end of the year, or when they leave the institution.

Payment of Fees: Tuition and incidental fees must be paid in advance in two instalments. See page 76.

No deductions are made except for sickness lasting a month or more.

Refunding Tuition: If a student leaves the institution at any time after entrance without the approval of the faculty or because he has been suspended or dismissed no money will be refunded.

Payment of Room Rent: Room rent in the Dormitory and Edwards Hall is paid monthly in advance.

Room rent and board in the Elms are paid monthly in advance.

No room rent is charged for the winter or spring vacations unless the rooms are occupied. But, except during these vacations, students are charged for their rooms till they are formally vacated, whether continuously occupied or not.

Half Rates: Sons and daughters of ministers are charged but half the usual rates of tuition. This concession is not limited to Presbyterian ministers.

All candidates for the ministry, of whatever church or denomination, receive tuition at half rates, upon the following conditions:

(1) Candidates for the Presbyterian ministry shall be under the care of Presbyteries, and shall present to the field secretary or collector certifications to this fact from the clerks of the Presbyteries.

Candidates for the ministry of other denominations shall have their purpose to enter the ministry properly certified to by the proper ecclesiastical authorities.

(2) All such students will be held in honor bound to refund to the college treasury the amount of tuition received in the event of their abandoning their purpose to enter the ministry.

(3) Reduced tuition shall not be provided for any candidate for the ministry who indulges in the use of tobacco.

N. B.—The above concession, though made at a great sacrifice to the college, is offered cheerfully and with the purpose of enhancing, as far as possible, the usefulness of the college.

It is, however, justly expected of those who are thus helped that they will be faithful in promoting, as far

as in their power, the welfare of the institution; and that they will complete their course of study at this institution.

Special Discount: Where more than one person from the same family attend college at the same time, a discount of twenty-five per cent. will be allowed on the tuition of each person after the first.

High School Scholarships: To the person graduating with first honor in any high school, the Board of Trustees will give a scholarship which entitles the holder thereof to free tuition for the ensuing year. To the one graduating with second honor, a half scholarship will be given, which entitles the holder to half tuition for the same time.

The same scholarships are offered those who are graduated from the Academy with first and second honors. This year these scholarships were awarded to Miss Mildred G. Phillips, of St. Paul, and Miss Ruth M. von Dorn, of St. Paul.

Furniture: All rooms are furnished with bedsteads (two-thirds size), mattresses, commode, bowl and pitcher, study-table, book-shelves and three chairs. Students in the Dormitory or Edwards Hall must provide their own bed clothing, towels, napkins, lamps, brooms, and (if they want them) carpets or rugs.

Application: Application for room should be made as early as convenient to Professor Newton Kingery, enclosing $1.00, which will be applied on room rent. Applicants should state in which hall they desire a room. Rooms will not be held later than the opening of the term unless the room rent is advanced for the period of delay. In case applicants fail to come, the money advanced will not be returned.

SUMMARY OF EXPENSES.

The net expenses for the year, including washing (reckoned at $18.00), are estimated approximately as follows:

College ..... $200 to $250
Academy ..... 190 to 225

For those who receive tuition at half rates the above expenses are reduced about $15.00.

The above does not include books, traveling expenses, and pin money.

It is the policy of the College to keep down the expenses of the students to the lowest point consistent with healthful living, good taste and reasonable comfort.

TO PARENTS.

Parents are earnestly requested (1) to note the rule of the Board requiring the payment of tuition in advance; (2) to examine carefully the reports of standing sent out at the close of each semester (half semester in the case of students of the Academy); (3) to furnish their sons and daughters with but little more money than is needed to meet the necessary expenses as stated above.

Students found to be spending money too freely will not be retained in the institution.

Parents and friends of the students are cordially invited to visit the College, when in either city, attend the classes and observe for themselves how the institution is conducted.

MACALESTER PARK AS A PLACE OF RESIDENCE.

Macalester Park is one of the pleasantest suburbs in St. Paul. It has excellent street car service; gas mains, and sewers and water mains are laid in the more important streets. St. Paul is one of the most healthful cities in America, and enjoys the advantage of a bountiful supply of pure water drawn from spring-fed lakes.

Macalester Park is now connected with Minneapolis by a new and more direct street car line by way of Marshall avenue, St. Paul, and Lake street, Minneapolis.

Parents who contemplate moving to the vicinity of some seat of learning for the education of their children, are urged to consider the advantages of Macalester Park as a place of residence.

There is an excellent ward school in the neighborhood, and the local church heartily welcomes to its services all the residents of the Park.

Real estate in the Park is still very low—much lower in fact than in the larger towns and county seats of the state. Investments carefully made here could not fail to be very remunerative. Residence property can be bought at a very reasonable price.

Persons competent to give reliable information in regard to property in the Park are: Thomas Cochran, Endicott Building, St. Paul; P. T. Jackson, Gilfillan Block, St. Paul; and H. A. Campbell, German-American Bank Building, St. Paul.

College.

Senior Class.

Levi H. Beeler ..... Minneapolis, Minn.
James Ekin Detweiler ..... Louisville, Ky.
James Hamilton ..... Shakopee, Minn.
Roscoe Cliver Higbee ..... Black Duck, Minn.
Alexander Hood ..... Clarkston, Wash.
Paul H. Th. Rusterholz ..... St. Paul, Minn.
Ruth Estelle Swasey ..... St. Paul, Minn.
Gordon Graham Thompson ..... St. Croix Falls, Wis.
Frank Harvey Throop ..... Green Valley, Minn.
Margaret Turnbull ..... St. Paul, Minn.

Junior Class.

James Albert Caldwell ..... Minneapolis, Minn.
Otto Wilhelm Comer ..... St. Croix Falls, Wis.
Robert William Davis ..... Minneapolis, Minn.
Josephine Elmer ..... St. Paul, Minn.
Marshall Gregory Findley ..... Spicer, Minn.
Martha Antoinette Jacobson ..... St. Paul, Minn.
Henrietta Cecelia Lundstrom ..... St. Paul, Minn.
Rhoda Catharine MacKenzie ..... Minnetonka, Minn.
David McMartin ..... Claremont, Minn.
Carmen Beatrice Mahlum ..... Brainerd, Minn.
Rose Amelia Metzger ..... St. Paul, Minn.
Richard Samuel Nutt ..... Argyle, Minn.
Mary Pauline Payne ..... St. Paul, Minn.
William Fred Pottsmith ..... St. Paul, Minn.
Stanley Hall Roberts ..... Minneapolis, Minn.
Minerva Schlichting ..... Gladstone, Minn.
Ruth Adelia Sherrill ..... Minneapolis, Minn.
George Hill Smith ..... St. Paul, Minn.
Mary Helen Smith ..... Alpha, Minn.

Sophomore Class.

George Kemp Aiken.....Sandstone, Minn.
William Harvey Amos.....St. Paul, Minn.
Lida May Beardsley.....St. Paul, Minn.
Hanna Sophia Berg.....Rush City, Minn.
Ernest Clement Brown, Jr.....Minneapolis, Minn.
Richard Stanley Brown.....Tyner, N. D.
Edith Frederica Cale.....Worthington, Minn.
Clifford Clement Cornwell.....St. Paul, Minn.
Carl Erickson.....Kasson, Minn.
Evan Milton Evans.....Le Sueur, Minn.
Rosella Evans.....Le Sueur, Minn.
Vernon Alexander Forbes.....St. Croix Falls, Wis.
James Todd Guy.....St. Paul, Minn.
Margaret Elizabeth Guy.....Austin, Minn.
Walter Mell Hobart.....Minneapolis, Minn.
Lucy MaBelle Hyslop.....Chester, Minn.
Nina Foy Johnson.....Fairmont, Minn.
Margaret Edith Lakey.....Buffalo, N. D.
Bertha Leck.....Owatonna, Minn.
Peter McEwen.....Cavalier, N. D.
Sarah Grace McMartin.....Claremont, Minn.
Luke Edward Marvin.....Duluth, Minn.
Martha Bessy Olson.....Battle Lake, Minn.
Violet Salisbury.....Henderson, Minn.
Lydia Anna Schroedel.....St. Paul, Minn.
Clarence Mason Stearns.....Jasper, Minn.
Warren George Stearns.....Jasper, Minn.
Robert Sinclair Wallace.....St. Paul, Minn.

Freshman Class.

George Samuel Barclay Acheson.....Lewiston, Ill.
Emma Bertelle Barker.....Slayton, Minn.
Ruth Agnes Campbell.....St. Paul, Minn.
Albert Daniel Davis.....Minneapolis, Minn.
Henry William Ernst.....St. Paul, Minn.
Elizabeth Margaret Evans.....Good Will, S. D.
Alexander Gordon Forbes.....Marshall, Minn.
Frank Goldsworthy Fulton.....St. Paul, Minn.
Martha Elizabeth Gilchrist.....Lake Crystal. Minn.
Esther Ruth Goodman.....St. Paul, Minn.
David Roy Jones.....Ottawa, Minn.
Ethel Bertha Jones.....St. Paul, Minn.
Hazel Caroline Jones.....St. Paul, Minn.
Evert Rosenkrans Lanterman.....Mandan, N. D.
John MacDonald.....Crystal, S. D.
Peter MacFarlane.....Northcote, Minn.
Edwin William Neill.....Marshall, Minn.
Ole Johnson Oie.....St. Paul, Minn.
Albert Victor Alufield Peterson....Minneapolis, Minn.
Mabel Elira Phillips.....Minneapolis, Minn.
Lula Lane Piper.....Berwyn, Ill.
Gertrude Puffer.....Guelph, N. D.
John Clifford Rogers.....White Lake, S. D.
Samuel Earl Sandon.....Jackson, Minn.
William Alonzo Sandon.....Jackson, Minn.
Elizabeth Libbey Staples.....St. Paul, Minn.
Harry Phillips White.....Ogilvie, Minn.

MUSIC STUDENTS.

Advanced:

v, vocal; p, piano; h, harmony.

William Harvey Amos, v.....St. Paul, Minn.
Emma Bertelle Barker, v.....Slayton, Minn.
Helena Christina Barron, v. h.....Rushmore, Minn.
Viola Isabelle Carver, p. h.....St. Cloud, Minn.
Thomas Crocker, v.....Minneapolis, Minn.
Anna Dickson, v.....St. Paul, Minn.
Rosella Evans, v.....Le Sueur, Minn.
Laura Elsie Gates, p. v. h.....Rice Lake, Minn.
Walter Mell Hobart, v.....Minneapolis, Minn.
Nina Johnson, p. h.....Fairmont, Minn.
Richard Uriah Jones, v.....St. Paul, Minn.
Carmen Mahlum, v. h.....Brainerd, Minn.
Pearl Neeb, p. v. h.....Lewiston, Minn.
Clara Odenwald, v. h.....Jordan, Minn.
Nora Olson, p. h.....Murdock, Minn.
Mildred G. Phillips, p. v. h.....St. Paul, Minn.
Gertrude Puffer, v.....Guelph, N. D.
Stanley Hall Roberts, v.....Minneapolis, Minn.
Charrie Robertson, p. v. h.....Rushford, Minn.
Mary Elsie Raymond, p. h.....Minneapolis, Minn.
Paul H. T. Rusterholz, v. h.....St. Paul, Minn.
Frederick S. Shimian, v.....Superior, Wis.
Jeanette P. Sawyer, v.....St. Paul, Minn.
George Hill Smith, p.....St. Paul, Minn.
Ruth Estelle Swasey, v.....St. Paul, Minn.
Frank Harvey Throop, v.....Green Valley, Minn.

Preparatory:

Helena Christina Barron, p.....Rushmore, Minn.
Janet Craig, p.....St. Paul, Minn.

Lillian Evans, p.....Good Will, S. D.
Elaine Flitner, p.....St. Paul, Minn.
Harold Hicks, p.....Thief River Falls, Minn.
Bernardine Lufkin, p.....St. Paul, Minn.
Rhoda MacKenzie, p.....Minnetonka, Minn.
Grace McMartin, p.....Claremont, Minn.
Clara Odenwald, p.....Jordan, Minn.
Katherine Phillips, p.....St. Paul, Minn.
Vivadale Sargent, p.....Two Harbors, Minn.
Helen M. Wallace, p.....St. Paul, Minn.
Miriam Wallace, p.....St. Paul, Minn.
Anna Whitby, p.....Calvin, Minn.

ACADEMY.

Senior Class.

John Andrew Evert.....St. Paul, Minn.
June Rose Evert.....St. Paul, Minn.
Ella Catherine Findley.....Spicer, Minn.
Albert Howard Gammon.....St. Paul, Minn.
Edward Calvin Glenn.....Eden Prairie, Minn.
Sadie Headley.....Two Harbors, Minn
John Archibald McEwen.....Cavalier, Minn.
Paul Taylor Montgomery.....St. Paul, Minn.
Adelaide Wadsworth Payne.....St. Paul, Minn.
Mildred Gretchen Phillips.....St. Paul, Minn.
Fidelia Auten Pine.....St. Paul, Minn.
Mary Elsie Raymond.....Minneapolis, Minn.
Jeanette Paulina Sawyer.....St. Paul, Minn.
Frederick Samuel Shimian.....Superior, Wis.
Anna Elizabeth Taylor.....Austin, Minn.
Ruth Minerva von Dorn.....St. Paul, Minn.
Roy De Witt Wallace.....St. Paul, Minn.
Leon Parnell Wilson.....Salem, S. D.

Junior Class.

Ray William Barstow.....Barnum, Minn.
Hattie Brinks.....Princeton, Minn.
James Brinks.....Princeton, Minn.
Mary Esther Campbell.....St. Paul, Minn.
Mae Pauline Chestnut.....Minneapolis, Minn.
James Mitchell Clark.....St. Paul, Minn.
Evan Wynne Davies.....Minneapolis, Minn.
John Edward Evanson.....Hudson. S. D.
Lane Caruthers Findley.....Spicer, Minn.
George Mayhew Fulton.....St. Paul, Minn.
Frederick William Funk.....Winona, Minn.
Frederick Woodbury Gillis.....Cedar, Minn.
Harold William Hicks.....Thief River Falls, Minn.
William Andrew Horne.....Hallock, Minn.
Blanche Howard.....St. Paul, Minn.
Melville Albert Jasperson.....Cedar, Minn.
Ernest Wilbert Johnson.....Hyde Park, N .D.
Robert Shepard McCourt.....St. Paul, Minn.
John Reece McGee.....St. Paul, Minn.
Sarah Elizabeth MacKnight.....St. Paul, Minn.
Roy Elgie Metcalf.....St. Paul, Minn.
Nora Olson.....Murdock, Minn.
George Alfred Rogers.....White Lake, Minn.
Charles Edward Shearer.....Jackson, Minn.
Harry Wilson Strong.....Jackson, Minn.
Laura Crosby Sturtevant.....St. Paul, Minn.
David Wilson.....Port Elgin, Ontario.

Second Year Class.

Marguerite Camille Barnes.....Minneapolis, Minn.
Grace Stewart Barwise.....St. Paul, Minn.
Frank Washington Bauer.....Alton, Ill.
Adalbert Ferdinand Bremicker.....St. Paul, Minn.
Addie Bell Brown.....Eden Prairie, Minn.
Minta Bertha Campbell.....Spicer, Minn.
James Harry Canning.....Hendrum, Minn.
Arthur Hern Craig.....St. Paul, Minn.
Harry Higgins Craighead.....Clear Lake, Minn.
Thomas Crocker.....Minneapolis, Minn.
Lillian Marjorie Evans.....Good Will Mission, S. D.
Annand Noble Ferry.....Claremont, Minn.
Anna Isabel Graham.....Baker, Minn.
Lyla Marie Harrison.....St. Paul, Minn.
Helen Lucretia Hughes.....St. Paul, Minn.
Hester Belle Hugunia.....St. Paul, Minn.
Dottie Lulu Jones.....St. Paul, Minn.
Sarah Ellen Jones.....Le Sueur, Minn.
Marjorie Oram Leach.....St. Paul, Minn.
Elmer Shepard McCourt.....St. Paul, Minn.
Rhea Rocheleau.....Lakeville, Minn.
Ella Sophia Schade.....Carlton, Minn.
Hugh Donald Stevenson.....Haley, N. D.
Grace Prudence Sturtevant.....St. Paul, Minn.
Ellen Churchill von Dorn.....St. Paul, Minn.
Louise Elizabeth Wallace.....Monte Vista, Colo.
Ralph Calvin Wilson.....Maine, Minn.
Frances Henrietta Abbetmeyer.....St. Paul, Minn.
Thusnelda Mathilda Abbetmeyer.....St. Paul, Minn.

First Year Class.

Alcinda Anten.....St. Paul, Minn.
Viola Isabelle Carver.....St. Cloud, Minn.
George Oliver Chase.....Florence, Neb.
Harry Eugene Gammons.....St. Paul, Minn.
Susan Marion Gillard.....St. Paul, Minn.
Gladys Leasure.....St. Paul, Minn.
Inez Florence Little.....St. Paul, Minn.
Fred John Metcalf.....St. Paul, Minn.
Esther Auten Pine.....St. Paul, Minn.
George Powell.....Templeton, S. D.
Harry Powell.....Templeton, S. D.
Walter Victor Rasmussen.....St. Paul, Minn.
Julia Vivadale Sargent.....Two Harbors, Minn.
Helena Christina Barron.....Rushmore, Minn.
Roy Thurston.....St. Paul, Minn.

Special.

George Aronson.....St. Paul, Minn.
Harold Harvey Bond.....St. Paul, Minn.
Victor A. Constans.....Minneapolis, Minn.
Harry David.....St. Paul, Minn.
Laura Elsie Gates.....Rice Lake, Wis.
Emil Herman Hardt.....Napolean, N. D.
Josephine Jane Kavanagh.....St. Paul, Minn.
Pearl Rose Neeb.....Lewiston, Minn.
Clara Luella Odenwald.....Jordan, Minn.
Robert Roy Otis.....St. Paul, Minn.

Mary Louise Rhodes.....Stillwater, Minn.
Charrie Antoinette Roberton.....Rushford, Minn.
Albert Charles Spanton.....Nassau, Minn.
Jessie Stocking.....St. Paul, Minn.
Herbert Deachman Stewart.....Galesburg, N. D.
Florence Annie Whitby.....Calvin, N D
Martin Luther Anderson.....Cannon Falls, Minn.
Nettie Shue.....Cooperstown, N. D.

REGISTER OF ALUMNI
OF
MACALESTER COLLEGE.

The Alumni organized themselves into an Association in June, 1894. This Association holds its annual meeting and banquet at 6 p. m., on Wednesday evening of commencement day. This meeting has become an interesting and important part of the exercises connected with commencement. The purpose of the Association is to cultivate *esprit de corps*, and to do all in its power to promote the interests of the College.

The officers of the Association are:

W. P. Kirkwood, Pres..... Minneapolis, Minn.

Prof. H. D. Funk, Sec. and Treas.....
Macalester Park, St. Paul, Minn.

The College desires to put the catalogue and other important publications concerning its work into the hands of all its graduates and former students, and will be thankful if all changes of address are promptly reported to the president. The College will also be glad to receive any information relative to its students and alumni.

Roll of Alumni.

Class of 1889.

George Washington Achard.....
Business, Minneapolis, Minn.
Jos. Wilson Cochran.....Minister, Philadelphia
Ulysses Grant Evans....Minister, Lime Springs, Iowa
James Chase Hambleton.....Teacher, Columbus, Ohio
Benjamin Wallace Irvin.....Deceased
Samuel M. Kirkwood.....Surgeon, Hamline, Minn.
Wm. Porter Lee.....Minister, Germantown, Pa.
Paul Erskine McCurdy....Business, Philadelphia, Pa.
Louis Ferdinand Slagle.....Deceased
Charles Albert Winter.....Business, New York City

Class of 1890.

Myron A. Clark..Sec. Y. M. C. A., Rio Janeiro, Brazil
Thaddeus T. Cresswell.....Minister, California
John Knox Hall.....Missionary, Trinidad, Col.
William Henry Humphrey....Minister, Ashland, Wis.
William Paul Kirkwood..Editor, Minneapolis Journal
Amos Avery Randall.....Minister, Princeville, Ill.
Judson L. Underwood.....Miss'y, Ponce, Porto Rico

Class of 1891.

Frank Brown.....Wilmette, Ill.
Walter F. Finch.....Minister, Villard, Minn.
Walfred Sunberg .....Deceased
William B. Turner.....Teacher, Minneapolis, Minn.
Thomas C. Williamson.....Business, Greenwood, S. D.

Class of 1893.

James Carlisle Simonton.....Business, St. Paul, Minn.
Joseph Zoll.....Address unknown.

Class of 1894.

Francis W. Beidler.....Minister, St. Cloud, Minn.
Archibald Cardle....Minister, Macalester Park, Minn.
Paul A. Ewert.....Ass't to Att'y Gen., St. Paul, Minn.
George E. Johnson.....Business, Sayre, Ok. Ter.
Sam'l M. Marsh.....Minister, Eveleth, Minn.
Wm. H. Sinclair.....Minister, Deep River, Iowa

Class of 1895.

Frank E. Balcome.....
Physician, St. Anthony Park, Minn.
John W. Christianson.....Minister, Castlewood, S. D.
Thomas Fitz-Morris Clark.....
Minister, St. Croix Falls, Wis.
Chas. D. Darling.....Minister, Red Wing, Minn.
Ed. Howard Gordon.....Lawyer, Langdon, N. D.
Harry Clinton Schuler.....Missionary, Resht, Persia
John Hansen Sellie.....Minister, Buffalo, Minn.
Nels Sunby, p. c.....Minister, Cumberland, Wyoming
Arthur Whitney Vance.....
City Editor, Daily News, St. Paul, Minn.

Class of 1896.

Alexander Edward Cance.Graduate Student Madison, Wis.
M. M. Maxwell.....Minister, Long Lake, Minn.
Samuel F. Sharp.....Minister, Alliston, Ontario,Can.

Class of 1897.

Albert Ernest Evans.....Minister, Russell, Minn.
Charles W. Hansen...Minister, Brown's Valley, Minn.
Ernest Charles Henke.....Minister, Weyawauga, Wis.
George Leck .....
Missionary, died Dec. 25, 1901, in Unsan, Korea

John McLearie.....
Professor, State School of Mines, Rapid City, S. D.
Mrs. Winifred Moore-Mace.....Beresford, S. D.
Arthur A. Palmer.....Minister, Madelia, Minn.
Charles Petran....Missionary, Aguascalientas, Mexico
Louis B. Sherwin.....Minister, Florence, Wis.
William K. Sherwin.....Minister, Rolla, N. D.
Arthur G. Welbon.....Missionary, Seoul, Korea

Class of 1898.

Clarence Dwight Baker.....
Agent for D. Appleton & Co., Des Moines, Iowa
Charles Warren Dade.....Minister, Rolla, N. D.
Anna Moore Dickson.....
Central H. School, St. Paul, Minn.
Caspar Gregory Dickson.....
Clerk Nat. Lib'y, Washington
Nellie M. Flanders (Mrs. W. K. Sherwin)..Rolla, N. D.
John M. Guise.....Supt. Lake Crystal, Minn.
Carlton Leslie Koons.....Minister, Rice Lake, Wis.
Robert C. Mitchell.....Minister, Litchfield, Minn.
William James Mitchell....Minister, Rapid City, S. D.
David Walter Morgan.....Minister, Nemaha, Iowa

Class of 1899.

Hugh S. Alexander.....
Cleveland H. School, St. Paul, Minn.
Walter Baker Augur.....Minister, Kerkoven, Minn.
Charles Allen Clark.....Missionary, Seoul, Korea
Ralph Elmo Clark.....Minister, Wabasso, Minn.
Paul Doeltz.....Missionary, Iloilo, Philippine Islands
G. C. Edson..Minister, Amagansett, Long Island, N. Y.
Thomas George Jamieson.....Business, Calgary, Can.
Almira F. Lewis.....Teacher, Havre, Mont.

James Murray.....Minister, Asotin, Wash.
Samuel Merton Pinney.....
Supt. Schools, Princeton, Minn.
Jacob Elmer Smits.....Business, Fairmont, Minn.
George Stanley..Minister, Rushford and Utica, Minn.
Murray Alberton Travis.....Minister, Morley, Ill.

Class of 1900.

John Calvin Abels.....Minister, Kelso, Wash.
Mills Strong Grimes.....Minister, Spencerport, N. Y.
Ralph Emerson Herron....Business, Rapid City, S. D.
John Robert Landsborough..Minister, Oregon City, Or.
Ernest A. Oldenburg..Minister, Dallas Center, Iowa.
Mathilde Pederson.....Business, Strum, Wis.
Irving David Roach.....Business, Azusa, Cal.
William James Sharp...Minister, Gen'l Sec'y, C. E. S.,
Portland, Ore.
Roy Walker Smits.....Supt. Schools, Monterey, Minn.
Mrs. Maud Taylor Hansen.Mus. Brown's Valley, Minn.
David A. Thompson..Minister, Selwood, Portland, Or.

Class of 1901.

Wm. Beckering.....Minister, Preston, Minn.
Louis Benes .....Minister, Milwaukee, Wis.
Henry Roy Bitzing.....Lawyer, Mandan, N. D.
Percy Porter Brush.....
Univ. Law School, Minneapolis, Minn.
Charles Morrow Farney.....Business, St. Paul, Minn.
Henry D. Funk...Prof., Mac. College, St. Paul, Minn.
Nathaniel E. Hoy.....Student, Chicago, Ill.
Lewis Hughes.....Business, Ottawa, Minn.
Richard U. Jones..Prof., Mac. College, St. Paul, Minn.
W. C. Laube.....Professor and Minister, Dubuque, Ia.
Millicent V. Mahlum.....Teacher, Brainerd, Minn.

William H. Travis...Minister, Pres., Palacios College, Palacios, Tex.
Lily Bell Watson.....Macomb, Ill.

Class of 1902.

Frederick Brown.....Minister, Oakland, Ind.
Robert L. Davidson....Supt. Schools, Dickinson, N. D.
Sarah A. Haines.....Moody's School, Chicago, Ill.
Grace Iddings.....Teacher, Red Lake Falls, Minn.
Leonard L. Mann.....Minister, Chicago, Ill.
Francis H. Newton.....Minister, Grandin, N. D.
Winifred R. Pringle-Weber.....Bayfield, Wis.
Edgar E. Sharp.....Lawyer, Moorhead, Minn.
Benjamin Bruce Wallace.....
Pembroke College, Oxford, Eng.
Helen Margaret Wallace.....
Macalester Park, St. Paul, Minn.

Class of 1903.

John Morton Davies,...Minister, Grand Rapids, Minn.
Bessie Shepard Doig.....Claremont, Minn.
Julia Anita Elmer.....
Teacher, Hamline, St. Paul, Minn.
Peter Erickson,.....Student, San Anselmo, Cal.
Ebenezer Thomas Ferry.....Student, Princeton, N. J.
Emma Inez Godward.....Teacher, Plainfield, Minn.
Robert McMaster Hood....Student, San Anselmo, Cal.
Peter Westin Jacobson.....Minister, Ely, Minn.
Raymond Lewis Kilpatrick.....
Student, St. Paul, Minn.
Donald Norman MacRae....Minister, College of Winnipeg, Man.
Henry Morgan.....Reporter Press, St. Paul, Minn.

Joseph E. Rankin.....Minister, Eveleth, Minn.
Mary J. Rankin....Missionary Teacher, Ozone, Tenn.
Pitt Montgomery Walker..Student, San Anselmo, Cal.
Max M. Wiles.....Minister, Chicago, Ill.
William H. Weber.....Business, Bayfield, Wis.

Class of 1904.

Grace Ivanore Chapin-Sharp.....Moorhead, Minn.
Mio Genevieve Clark.....Teacher, St. Cloud, Minn.
Peter Arthur Davies.....Student, Chicago, Ill.
Thomas Hunter Dickson.....Business, St. Paul, Minn.
Margaret Evans Detweiler.....Miss'y, Quito, Ecuador
William Horatio Kendall.....Student, Chicago, Ill.
Alfred Edward Koenig.....Teacher, Coquato, Minn.
William Oliver Rothney.....Minister, Winnipeg, Can.
Henry John Voskuil.....Student, Princeton, N. J.
Tolbert Watson.....Medical Student, State University
Mabel Wicker.....Teacher, Hawley, Minn.

Class of 1905.

John Thomas Anderson.....Student, Allegheny, Pa.
Earl Kenneth Bitzing....Law Student, Mandan, N. D.
Eugene Erwin Bromley.....Student, Chicago, Ill.
Isabelle Alice Elmer.....St. Paul, Minn.
Asa John Ferry....Teacher, Mac. Coll., St. Paul, Minn.
Thomas Edwin Flinn.....Med. Student, Chicago, Ill.
Ledru Otway Geib.....Teacher, Langdon, S. D.
Mary Carnahan Guy.....Teacher, Good Will, S. D.
Marie Grace Jamieson....Teacher, New Prague, Minn.
Daniel Griffin Le Fever.....Teacher, Becker, Minn.
James Albert Slack.....Student, Omaha, Neb.
Robert Owen Thomas.....Student, Chicago, Ill.
Jane Turnbull.....Teacher, Abercrombie, N. D.

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MACALESTER COLLEGE BULLETIN

Entered at St. Paul as second class matter
under act of Congress June 16, 1894

APRIL, 1907

VOL. III NO. 4

June 23, 1907

UNIVERSITY OF ILLINOIS
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WOMEN'S DORMITORY

CATALOGUE

OF

Macalester College

AND

Classical Academy

1906-1907

SAINT PAUL, MINNESOTA

Entered at St. Paul, Minn., April 24, 1905, as Second Class Mail Matter According to Act of Congress, July 16, 1894.

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PREFACE.

Macalester College is organized on the plan of the best eastern institutions of learning. It is governed by a self-perpetuating board of trustees, whose single purpose in its up-building is to promote Christian higher education. Most of the men who had to do with the founding and earlier history of the college were graduates of eastern colleges.

Rev. Edward D. Neill, D. D., the founder, and Rev. Daniel Rice, D. D., his able coadjutor, were graduates of Amherst College. Rev. Robert F. Sample, D. D., was a graduate of Princeton. Henry L. Moss was an honored alumnus of Hamilton College; Hon. Alexander Ramsey, of Lafayette College; Robert P. Lewis, of Washington and Jefferson College; Thomas Cochran, of the University of New York; Maj. B. F. Wright, of Union College; Rev. J. C. Whitney, of Oberlin College; Rev. David James Burrell, D. D., of Yale.

The purpose of these men was to build up in the Northwest an institution that would embody the best traditions of the institutions whence they had come. With Woolsey, some time president of Yale, they believed that in the best education the matter of first importance is character; second, culture; third, knowledge. This was the general conception of education they sought to realize in Macalester College.

The college was opened in 1885 and graduated its first class in 1889. From then until the present it has never lost sight of those early high ideals, never lowered its standard, never catered to the craze for numbers and noisy notoriety. Macalester College has always been a reputable, thoroughly standard college in fact as well as in name, not a normal school, nor a business school, nor a music school, nor all of these combined; but always and ever a college with the emphasis upon character, culture, and classics. This reputation

brought it poverty during the nineties; but it also brought it friends and trustees, men and women of large faith and many of them of large means, who paid off its debts and are now vigorously pressing toward a half million dollars for endowment and new buildings.

A new era has begun.

A beautiful, absolutely fireproof hall for young women, costing $85,000, will be ready in September. A new central heating and power plant will be built this summer. A $50,000 science hall is assured and will be ready next year. Additional teachers are engaged, new courses planned, the library enlarged through regular annual appropriations, and the present buildings repaired and beautified.

Macalester College stands on a beautiful campus facing the famous Summit Avenue and midway between the Twin Cities of St. Paul and Minneapolis. It is at the gate-way of the great Northwest, stretching from the Mississippi River to the Pacific Ocean, a vast and fertile region in which Macalester College is the leading coeducational institution of the Presbyterian Church.

It welcomes to its halls all earnest young men and women who seek a higher education The college desires to be as helpful as possible in aiding young people to solve the problems of their education, and accordingly the expenses are reduced to a minimum.

Students who are looking forward to law, medicine, theology, engineering or teaching can easily select studies from the courses and electives offered that will prepare admirably for the professional studies they have in view.

Parents and young people desiring further information than is contained in these pages are invited to address

President Macalester College,

St. Paul, Minn.

College Calendar.

COLLEGE YEAR, 1907-1908.

May 18. Saturday,	Senior vacation begins.
May 30. Thursday,	Decoration Day.
June 7. Friday (8:00 P. M.),	Commencement of the Academy.
June 9. Sunday (10:30 A. M.),	Alumni Sermon.
June 9. Sunday (8:00 P. M.),	Baccalaureate Sermon.
June 10. Monday (8:00 P. M.),	Senior Class Evening.
June 11. Tuesday (8:00 P. M.),	Annual Recital of the Music Department.
June 12. Wednesday (9:00 A. M.),	Annual Meeting of the Board of Trustees.
June 12. Wednesday (9:30 A. M.),	Eighteenth Annual Commencement.
June 12. Wednesday (5:30 P. M.),	Alumni Banquet.
Sept. 9-11. Monday-Wednesday,	Registration Days.
Sept. 11. Wednesday (10:30 A. M.),	First Semester begins.
Nov. 28-29. Thursday, Friday,	Thanksgiving recess.
Dec. 20. Friday,	Winter vacation begins.
1908.	
Jan. 7. Tuesday (8:30 A. M.),	Session resumes.
Jan. 30. Thursday,	Day of Prayer for Colleges.
Jan. 31. Friday,	First Semester ends.
Feb. 4. Tuesday,	Second Semester begins.
Feb. 22. Saturday,	Washington's Birthday.
June 10. Wednesday,	Second Semester Ends.

Board of Trustees.

Officers of the Board.

THOS. SHAW,	President
R. A. KIRK,	Vice-President
B. H. SCHRIBER,	Secretary
C. E. MACKEAN,	Treasurer

Trustees.

T. MOREY HODGMAN, Pres. ex-officio	St. Paul, Minn.

TERMS EXPIRE JUNE, 1907.

B. H. SCHRIBER,	St. Paul, Minn.
R. C. JEFFERSON,	St. Paul, Minn.
REV. T. H. CLELAND, D. D.,	Chicago, Ill.
GEORGE W. WISHARD,	Minneapolis, Minn.
GEORGE D. DAYTON,	Minneapolis, Minn

TERMS EXPIRE JUNE, 1908.

THOMAS SHAW,	St. Paul, Minn.
A. D. THOMSON,	Duluth, Minn.
A. R. CHACE,	Marshall, Minn.
THOMAS B. JANNEY,	Minneapolis, Minn.
O. A. ROBERTSON,	St. Paul, Minn.

TERMS EXPIRE JUNE, 1909.

REV. W. H. W. BOYLE, D. D.,	Lake Forest, Ill
R. A. KIRK,	St. Paul, Minn.
J. W. COOPER,	St. Paul, Minn.
REV. JOHN E. BUSHNELL, D. D.,	Minneapolis, Minn.
REV. A. B. MARSHALL, D. D.,	Minneapolis, Minn.

COMMITTEES OF THE BOARD.

Executive Committee.

THOS. SHAW, CHAIRMAN.
B. H. SCHRIBER, SECRETARY,
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T. MOREY HODGMAN,
THOMAS B. JANNEY,
R. A. KIRK,
R. C. JEFFERSON,
J. W. COOPER.

Committee on Endowment.

R. A. KIRK.
R. C. JEFFERSON,
T. MOREY HODGMAN,
GEO. D. DAYTON,
THOS. SHAW.

Committee on Instruction.

T. MOREY HODGMAN, ex-officio,
JOHN E. BUSHNELL,
A. B. MARSHALL.

Committee on Property.

R. C. JEFFERSON, T. MOREY HODGMAN, B. H. SCHRIBER.
R. A. KIRK,

REV. A. E. DRISCOLL, A. B.,
Field Secretary.

College Faculty.

THOMAS MOREY HODGMAN, A. M., President,
Mathematics.

A. B., University of Rochester, 1884. A. M., University of Rochester, 1890. Graduate student in mathematics in Chicago University and Cornell University. Associate Professor of Mathematics in University of Nebraska, 1884 to 1904. Professor of Inspection and Director of Summer Session, University of Nebraska, 1904-1907. Elected President Macalester College, February, 1907.
Residence, 456 Ashland Ave.

JAMES WALLACE, Ph. D., LL. D., Dean,*
Greek Language and Literature.

A. B., 1874; A. M., 1877; Ph. D., 1887; LL. D., University of Wooster. Adjunct Professor of Greek and Principal of the Academy, University of Wooster, 1876 to 1886. Student in Greece, 1875-1876. Language and Literature, Macalester College, 1887——. President, Macalester College, 1894 to 1906. Leave of absence, 1906-1907.
Residence 1596 Summit Ave.

EDWARD COLLINS DOWNING, Ph. D.,
Latin Language and Literature and Principal of the Macalester Classical Academy. Secretary of Faculty.

A. B., University of Wooster 1885; A. M., 1888; Ph. D. 1903. Law Student 1885 to 1886. Principal of the Carthage (Mo.) Collegiate Institute, 1886 to 1888. Principal of the Toulon (Ill.) Classical Academy, 1888 to 1891. Latin Language and Literature, Macalester College, 1891——. Principal of the Macalester Classical Academy 1896——.
Residence, 1713 Lincoln Ave.

ANDREW WORK ANDERSON, A. M., Dean,
Mental Science, Logic and Philosophy.

A. B., University of Wooster 1889; A. M., 1892. Principal of Poland (O.) Academy, 1889 to 1891. Mental Science, Logic and Philosophy, Macalester College, 1891——.
Residence, Macalester College.

DAVID NEWTON KINGERY, A. M., Registrar.
Mathematics and Astronomy.

A. B., Wabash College, 1893; A. M., 1899. Teacher of Mathematics and Science, Bluffton, (Ind.) High School. Mathematics and Astronomy, Macalester College, 1896——.
Residence, 196 Vernon Ave.

JULIA MacFARLANE JOHNSON, A. M.,
Dean of the Woman's Department,
English Literature and Old English.

Graduate of Mt. Holyoke, 1885. Student, University of Pennsylvania 1887 and 1888. Student, University of Cincinnati, 1889 and 1890. A. M., University of Minnesota, 1905. Professor of Latin Language and Literature in Coates College, 1890 to 1893. Graduate student, University of Minnesota, 1905——. English Literature and Old English, Macalester College, 1897——.
Residence, 1668 Princeton Ave.

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*Assumes office September 1907.

REV. HENRY DANIEL FUNK, A. M.,

German Language and Literature. History.

Student Dubuque (Ia.) German Theological Seminary, 1891 to 1897. A. B., Macalester College, 1901. A. M., University of Minnesota, 1903. Harvard Summer School 1903. Graduate student, University of Minnesota 1904——. German Language and Literature, Macalester College, 1901——.

Residence, 29 Macalester Ave.

RICHARD U. JONES, A. B.,

Chemistry.

A. B., Macalester College, 1901. Student, University of Minnesota, 1901 to 1902. Instructor in Mathematics and Physics, Macalester Classical Academy, 1901 to 1903. Chemistry and Physics, Macalester College, 1903 to 1906. Chemistry, Macalester College, 1906——.

Residence, Macalester College.

HUGH STUART ALEXANDER, A. M.,

Physics.

A. B., Macalester College, 1899. A. M., University of Minnesota, 1905. Teacher of Physics and Chemistry, Cleveland High School, St. Paul, Minn., 1899 to 1906. Physics, Macalester College 1906——.

Residence, 1596 Summit Ave.

WILLIAM REESIDE KIRKWOOD, A. M., D. D., LL. D.,

Political Science and Sociology.

A. B., Washington and Jefferson College, 1859. A. M., Washington and Jefferson College, 1862. D. D., University of Wooster, 1878. LL. D., Emporia College, 1900. Mental Science and Logic, Macalester College 1885-1890. Mental Science and Logic, Emporia College, 1890-1900. Pastor, St. Paul, 1900——.
Political Science and Sociology, Macalester College, 1906-1907.

Residence, 1625 Wesley Ave.

JOHN PORTER HALL, A. B.,

Greek.

A. B., Princeton University, 1897. Adj. Professor of Greek, Macalester College, 1897 to 1903. Instructor in Greek, Princeton University, 1903 to 1905. Greek, Macalester College, 1906——.

Residence, 2738 Park Ave., Minneapolis.

LOU GREGORY FINDLEY, Ph. M.,

French Language and Literature.

Student Illinois State University for two years. Music, W. S. B. Matthews, Chicago, three years. Ph. M., Simpson College, Iowa, 1883. Professor of Music and French, Simpson College, 1880 to 1883. Professor of Music and French, Pierre College, S. D., 1883 to 1885. French, Macalester College, 1902——.

Residence, 70 S. Snelling Ave.

REV. ARCHIBALD CARDLE, A. B.,

Biblical History and Literature.

A. B., Macalester College, 1894. Graduate of Auburn Theological Seminary, 1897. Biblical History and Literature, Macalester College 1903——.

Residence, 41 Macalester Ave.

HARRY E. PHILLIPS,
Instructor in Voice Culture.

Student in Stuttgart, Germany, under Professors Speidel (piano), Breed (voice), Faisst (organ), Goetschius (harmony), 1885 to 1889. Organist and soloist in various churches in St. Paul and Minneapolis, 1889 to 1906. Baritone in Westminster Presbyterian Church, Minneapolis 1906——. Instructor in Piano and Voice Culture, Macalester College, 1895——.

Residence, 1722 Princeton Ave.

GRACE B. WHITRIDGE,
Instructor in Elocution and Dramatic Art.

Graduate of Boston School of Oratory, 1890. Post-Graduate Student of Boston School of Oratory, 1891. Student Harvard University, 1892. Graduate New York Academy of Dramatic Art, 1899. Student of Columbia University, 1901, 1902, 1904.

Residence, 654 Hague Ave.

G. H. FAIRCLOUGH,
Instructor in Advanced Piano.

Student, Royal High School of Music, Berlin, Germany, three years under Professors Barth, von Petersen, and Ernest Schilling, piano; Dr. Bridge, Master of Westminster Abbey, London. Director of Music, Presbyterian Ladies' College, Brantford, Ont. Organist and Choir Master, St. John's Episcopal Church, St. Paul.

JAMES A. BLISS,
Instructor in Advanced Piano.

Student of W. H. Sherwood of Chicago.

MRS. H. E. PHILLIPS,
Instructor in Preparatory Piano.

Student of Music in Germany for four years.

W. H. NELSON,
Violin.

J. K. RYDER,
Mandolin, Guitar, Banjo.

GRACE E. DENNY,
Assistant in Elocution.

A. B., Columbia University, 1906. Mrs. Chapman's School for Girls 1906-1907.

FREDERIC G. AXTELL, A. M.,
Librarian.

Residence, 68 S. Snelling.

Registrar, Secretary to President and Faculty.*

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*This position will be filled next September.

LECTURERS for 1907-1908.

WILLIAM REESIDE KIRKWOOD, D. D., LL. D.,
Defense of the Faith.

For data, see above.

DAVID AVERY HAGGARD, B. Sc.,
Roman Law.

B. Sc., 1891, University of Nebraska. LL. B., 1893, University of Nebraska. Lawyer, St. Paul, 1901——. Lecturer, St. Paul College of Law, 1904——.

FRANK T. WILLIAMS,
Meteorology.

Georgetown College. Local forecaster U. S. Weather Bureau, St. Paul, Minn.

WILLIAM PAUL KIRKWOOD, A. B.,
Journalism.

A. B., 1890, Macalester College. Mathematics and Astronomy, Macalester College 1892-1893. City editor and literary editor Minneapolis Journal, 1897——.

COMMITTEES OF THE FACULTY.

Rules and Discipline.

THE PRESIDENT — JAMES WALLACE
JULIA M. JOHNSON — E. C. DOWNING

Curriculum.

H. D. FUNK — D. N. KINGERY
A. W. ANDERSON — R. U. JONES

Library and Reading-Room.

A. W. ANDERSON — F. G. AXTELL
LOU G. FINDLEY — JULIA M. JOHNSON

Gymnasium and Athletics.

ARCHIBALD CARDLE — J. P. HALL
GRACE B. WHITRIDGE — H. D. FUNK

Public Exercises.

EDWARD C. DOWNING — HARRY E. PHILLIPS
JULIA M. JOHNSON — GRACE B. WHITRIDGE

Publications.

EDWARD C. DOWNING — J. P. HALL
D. N. KINGERY — THE PRESIDENT

Matriculation.

THE PRESIDENT JAMES WALLACE
A. W. ANDERSON.

Religious Work.

JAMES WALLACE ARCHIBALD CARDLE
HUGH S. ALEXANDER
ADVISORY MEMBERS:
DR. JOHN E. BUSHNELL AND DR. H. C. SWEARINGEN.

Dormitory.

THE PRESIDENT HUGH S. ALEXANDER
JULIA M. JOHNSON D. N. KINGERY
MATRON OF WOMAN'S DORMITORY.

Committee on Supervision of Buildings.

R. U. JONES D. N. KINGERY THE PRESIDENT

Committee on Teachers' Bureau.

D. N. KINGERY E. C. DOWNING R. U. JONES
J. M. JOHNSON A. W. ANDERSON

College Council.

THE PRESIDENT D. N. KINGERY
A. W. ANDERSON GRACE B. WHITRIDGE
And Five Representative Students from College and Academy.

Other Officials.

MATRON OF THE ELMS ..... MRS. JOHN PRINGLE
MATRON OF EDWARDS HALL..... .....MISS HANNAH MOEN
MATRON OF EUTROPHIAN HALL.....MRS. J. METCALF
ENGINEER AND JANITOR.....DONALD McDONALD

General Information.

Location and Approach.

Location.—Macalester College is located in Macalester Park, a beautiful suburb in the western part of the corporate limits of St. Paul. Its property fronts on Summit Avenue and is one mile south of the main interurban line where it crosses Snelling Avenue. The Grand Avenue electric line runs through the grounds, and the Selby Avenue interurban line is but four blocks north. The Snelling Avenue crosstown line starting at the college campus, connects with all the interurban lines. But one car fare is charged to either city from Snelling Avenue.

Campus.—The college campus contains forty acres and is a beautiful piece of property. It has a frontage of six hundred and sixty feet on Summit Avenue, a fine boulevard two hundred feet in width, terminating one mile west on the banks of the Mississippi. The grounds contain a fine grove, and efforts are making to beautify them in a manner befitting their surroundings.

Advantages of the Location.—The college is very pleasantly located. Macalester Park contains about one hundred residences and is quite removed from the thickly settled parts of the city. The college is, therefore, away from the distractions and temptations of city life. There are no saloons or other places of temptation in the vicinity. The location is favorable for study, for the development and maintenance of a pure and wholesome college life, and for careful supervision of the conduct of the students. Though the college is in

a quiet and retired place, the students are brought in contact more or less with the life and culture of the city. The large public libraries, churches, lecture courses and musical entertainments are accessible, and season tickets to the regular lecture courses are usually offered students at a reduction.

How to Reach the College.—To reach the college from St. Paul take street cars running west, marked "Laf. to Macalester" or "Laf. to Grove' Park." Get off at Snelling Ave. These cars are reached from the Union Station by going up Sibley street two and a half blocks. If these directions are forgotten, any policeman will give correct information as to how to reach the college.

To reach the college from Minneapolis take the new interurban line by way of Lake street and Marshall avenue to Snelling avenue; or take the interurban line by way of Merriam Park, get off at Snelling avenue, and go south to the college.

Persons with trunks or other heavy baggage should buy their tickets to St. Paul. Arrangements are made at the college to have the trunks brought out at a small cost. Any student notifying the president or any professor as to time of arrival and means of identification will be met at the Union Station.

COLLEGE BUILDINGS.

Main Building.—This is a brick building, one hundred feet long and fifty feet wide, three stories high, containing class rooms, society halls, gymnasium, library, reading-room and auditorium.

The building is heated with steam and is provided with its own electric light plant.

Gymnasium.—The basement of the college building, a hundred feet long and fifty feet wide, with ceiling

MAIN BUILDING.

seventeen feet high, is used for a gymnasium. It contains four hand-ball courts, ladders, hanging rings, horizontal bars and other apparatus, a lavatory supplied with hot and cold water and shower baths. It is large enough to admit of basket ball practice and affords ample facilities for healthful athletic exercise. One dollar and a half of each incidental fee is appropriated to athletics and physical training.

The Library.—The Library contains about nine thousand volumes, not counting duplicates, most of it classified on the Dewey system. The department of bound periodicals already comprises nearly one thousand volumes. The Neill Collection includes rare works in Puritan and Colonial history, and theology, together with examples of fifteenth and sixteenth century printing.

A large room on the third floor affords excellent accommodations for both Library and Reading Rooms, and is open every week day throughout the college year.

At present the Neill Collection of autograph letters is to be found in the library.

During the past year the library has received a number of valuable gifts from friends. Among these the following are the largest: From the library of the late Mr. W. P. Jewett of St. Paul, presented by Mrs. Jewett, one hundred volumes; by Mrs. C. E. Vanderburgh of Minneapolis, seventy-five volumes; by the Rev. Charles Thayer, Ph. D., of Minneapolis, one hundred volumes; by the American Tract Society, sixty volumes. From a friend fifteen dollars have been received for the use of the department of psychology. In addition to the above through the courtesy of Senator Moses E. Clapp, Congressman F. C. Stevens and Mr. Preston T. Jackson of St. Paul, a large number of valuable public documents has been received.

We are glad to announce also that the college will hereafter set apart one dollar out of the incidental fee of every student for each semester for purchase and binding of literature for the reading-room and library. This sum should amount to at least four hundred dollars for the coming year and will grow with the growth of the student body.

Men's Dormitory.—This also is a three-story brick building, ninety feet long by thirty-eight feet wide. The first floor contains the music studio, Y. W. C. A. room, and mathematics room. The second and third floors contain twenty double rooms designed to accommodate two students each. The rooms are furnished with plain, substantial furniture, are well lighted and thoroughly comfortable. In the basement are the physical and biological laboratories. This hall is for men exclusively.

The building is heated with steam, and lighted with gas. Students must care for their own rooms or arrange with some one to do so.

Women's Dormitory.—This splendid new building is to be finished, according to contract, by August 1st, and ready for occupancy at the opening of the fall term. It is situated at the corner of Summit and Macalester avenues, is 60 by 127 feet, and so arranged that sunlight will fall into every room. In addition to the students' rooms there will be elegant parlors, a dining room that will seat one hundred, and a large gymnasium in the basement. The classes for the physical training of women will be held here. The whole building will have every modern appointment and be absolutely fireproof. It is believed that no building of its kind west of Chicago can approach it or be compared with it in plan and equipment. Choice of rooms will be given in order of application.

Edwards Hall.—This is a substantial three-story building on Macalester Avenue, one block south of the

college. It is named after W. C. Edwards, Esq., of St. Paul, through whose generous liberality it was erected. It furnishes accommodations for twenty-two men, besides the matron and her help, and sets tables for forty. The plain, but excellent accommodations provided in this building and offered at very moderate rates have proved a great boon to students who find it difficult to meet the expenses of a college education. The students in this building form a club and manage the boarding department under a matron and other officers of their own choice, subject to the general supervision of the faculty. Room and board cost not to exceed two dollars and a half per week.

The Eutrophian Hall is a men's boarding club, situated two blocks north of the college building. Its dining room is light, cheery and commodious, having a seating capacity for about forty young men. The club is under the care of a competent matron, and a steward, who is elected from the members. The amount paid for board by members defrays all expenses. It is the aim of those in whose hands the management is entrusted to keep the expenses at a minimum. Board ranges from two dollars and forty cents to two dollars and seventy cents a week.

Chemical Laboratory.—The building erected originally for the library, through the liberality of Hon. Henry L. Moss, is now used as a chemical laboratory. It has desk room for twenty-eight students, is thoroughly lighted and admirably adapted for laboratory purposes. It is well equipped with apparatus and offers facilities for both required and elective courses in chemistry.

Administration.

In the administration of the college appeal is made to the self-respect and honor of the students. They are constantly encouraged to guard well their honor and that of the institution, to maintain a wholesome esprit de corps.

Some regulations, however, are necessary, and when students matriculate it is understood that they thereby submit themselves to the government of the college and pledge themselves to support the same while they are members of the institution. They are expected, and, by virtue of their matriculation as students of the institution, are understood to obligate themselves to act as ladies and gentlemen, to be faithful in attendance upon recitations, examinations, daily morning prayers, and Sunday morning service, and to be diligent in preparation of all tasks assigned.

Students of the Academy who are under the age of eighteen may visit the cities only on Saturdays during the day or Sunday evenings to attend church. At other times permission must be obtained of the principal of the Academy.

College students are given greater liberty; but frequent visiting of the cities or returning late at night will be dealt with as offenses against good order.

Except in very special cases students are not permitted to room and board down in the city.

Students whose influence is found to be hurtful, even though guilty of no serious breaches of order, will not be retained in the institution.

Religious Culture.

Religious Services.—Devotional exercises are held in the college chapel daily at 10 a. m., at which all students are required to be present.

Public worship is held every Sabbath morning in Macalester Presbyterian church. Attendance upon this service is expected of all students except those boarding at home, and those excused for good reason to worship elsewhere.

In so far as the students' means will permit they are urged to share in the support of this church.

The students are welcome to the Sabbath school, which follows the morning service, and for them special classes are organized.

Young Men's Christian Association.—This association has an active membership of about forty members. It holds regular meetings every Tuesday evening and missionary meetings once a month. Several of the older members do home mission or Sabbath school work in small churches located in the cities or within a reasonable distance of them. Going out to these country churches on Saturday evening they are usually able to return Monday morning in time for recitations. The association is in close touch with the associations of the two cities and finds opportunities of Christian activity and usefulness in the mission work of the cities. A committee of the association is present at the College two or three days before the College opens to meet the new students as they come in. Members of this committee will meet any incoming student at the Union Station, St. Paul, if notified beforehand of the time of arrival. Address Mr. Peter McEwen, President Young Men's Christian Association.

Young Women's Christian Association.—This association, like the one above named, seeks to deepen the spiritual life of its members, to foster a Christian spirit in the institution, to bring its members into closer and more sympathetic relations with one another. It has a membership of from thirty to thirty-five. Devotion-

al meetings are held weekly in the Y. W. C. A. room in the college, and much attention is given to Bible study and to missionary themes. If any young woman, who expects to enter the College, notify the president or vice president of the association when she will reach the city, she will be met at the station. Any information about the institution will be gladly given upon inquiry. Address Miss Elizabeth Guy, Secretary.

Students' Volunteer Band.—This organization, numbering fifteen or more, holds monthly meetings sometimes in the college, sometimes with the bands of neighboring institutions. It aims to reach a more thorough consecration and to become more conversant with the history and achievements of missions.

Society of Christian Endeavor.—The Christian Endeavor society meets every Sabbath evening in the local church of the Park. The society has proved an invaluable means of Christian culture.

Literary Societies.

Three literary societies and one debating club are in operation under the general oversight of the faculty. In the collegiate department there are the Hyperion Society, admitting to membership both young men and young women; the Athenaean Debating Club, for young men; the Clionian Society, for young women: and in the Academy, the Parthenon, open to all students of this department.

The Hyperion holds weekly meetings in its own handsome, well-furnished hall; the Athenaean Club and the Clionian Society meet in the Music Studio and the Parthenon in the President's room.

Every regular student is expected to become connected with one or other of these societies, and faith-

fully fulfill the duties of membership. No literary society or other organization may be established without the consent of the faculty.

Oratorical Association.—This association seeks to promote an interest in Oratory. The interests of the College in the state association are under the control of this association. By means of a preliminary contest it selects one member to represent the College at the State oratorical contest.

Prizes.

Through the kindness of some of its friends the College is able to announce a number of prizes, as follows:

Noyes Prizes.—Mr. D. R. Noyes of St. Paul offers one hundred dollars annually to be given in prizes as the Faculty may direct. The Faculty has apportioned the prizes as follows: to that member of the sophomore class having the highest standing in the first two years of the college course, twenty-five dollars; to that member of the junior class having the highest standing for that year, twenty-five dollars; to that member of the graduating class taking the first honors, fifty dollars. Students competing for these prizes must be without conditions, except that a condition caused by a student's entering college without Greek or German shall not act as a bar to competition for the first of the above prizes, unless at the end of the sophomore year that condition exceed one year.

Last year the senior prize was awarded to Ruth E. Swasey, the junior to Rose A. Metzger, and the sophomore to Lydia A. Schroedel.

Stringer Prize.—Through Mr. E. C. Stringer of St. Paul, the College is able to offer an annual prize of

twenty-five dollars, to be given to that student of the College who, having not less than fourteen recitations a week, takes the first place in the preliminary oratorical contest mentioned above, and represents the college in the state contest.

Edwards Medal.—By the gift of Mr. W. C. Edwards of St. Paul, that member of the senior class of the Academy who is graduated with the highest standing receives a gold medal. This prize was awarded last year to Mildred G. Phillips.

Athletics.

Athletics and careful physical training are encouraged and one dollar and a half of the incidental fee for each semester is set apart for instruction in the care and training of the body and for the equipment of the gymnasium. The four hand-ball courts are at the service of the students, besides considerable apparatus. An inclosed athletic field has been prepared, containing about five acres and lying just south of the College. There is ample room for lawn tennis and all the usual outdoor games. A large skating rink has been provided in the midst of the oak grove at the south of the campus, and has been very popular.

Physical Culture.

A class in physical training is conducted by Miss Whitridge for young women. It has been largely attended the past year, and as it will hereafter be held in the gymnasium of the new women's dormitory, it will be more popular than ever. No young woman should miss the opportunity afforded in this instruction.

Examinations and Reports.

Examinations, written or oral, at the option of the professor, are held at the close of each semester, and the class standing of each student is fixed according to his grades in class and on examination. The former usually counts two-thirds, the latter one-third. No student can retain class standing if the examinations are not taken. A record is kept of each student's grades in scholarship and deportment, a copy of which is sent to his parents or guardian at the end of each semester. If these are not received the fact should be reported to the registrar. Quarterly reports will be made of all academic students.

Degrees.

Graduates from the Classical courses receive the degree of A. B.; those from the Scientific courses the degree of B. S.

Books and Stationery.

A book and stationery store is conducted at the College. When obtainable, second-handed books are kept in stock, and old books are taken in exchange or purchased on as liberal terms as the business will permit. Students are thereby enabled to effect a considerable saving on their book expense.

Self-Support.

Students desiring to do something towards defraying their own expenses can usually find some way of doing so. Many find work on Saturdays, in stores and

other places of business, and have thus paid a large part of the expense of their board. Others have earned their board by working mornings and evenings. It is seldom that any worthy, capable student with energy and tact fails to find some means by which he may work his way through college, provided the long summer vacation is improved to increase his income.

The Y. M. C. A. employment bureau has been organized to assist students in finding work. There are opportunities in stores and offices, care of furnaces and horses, as waiters in clubs and carriers of newspapers, and in many other ways dependent upon the student's fitness. Valuable suggestions as to employment and the financial side of college life is gladly furnished to prospective students on application, and every effort to assist the new-comer is cheerfully made. Address all communications to Mr. Wilbur M. Fisk, Chairman Employment Committee, Macalester College, St. Paul. During the summer months his address will be Pipestone, Minnesota.

Publications.

The following publications are issued from the college:

The College Catalogue, which is one number of

The Macalester College Bulletin, an eight page monthly paper devoted to the advertisement and advancement of the institution. Three thousand copies are issued and sent to the alumni, ministers, general friends, and prospective students. It is hoped that all who may feel so inclined will subscribe for the paper (50c.), and thus help to keep the college before its constituency. The editor is Dr. Edward C. Downing, of the faculty.

The Junior Annual, a publication of the Junior class in which the various organizations and student life are elaborately told and illustrated.

The Y. M. and Y. W. C. A. Handbook, a pocket booklet full of information for new students, and a veritable vade mecum for all.

Both the Bulletin and the Handbook are issued from the Macalester College Press.

Teachers' Bureau.

The college maintains a reliable teachers' bureau as a means of communication between graduates and superintendents and school boards desiring competent teachers. Graduates will not be recommended to positions for which they do not give good evidence of fitness. This service is given without charge.

Telephone.

The college may be reached by the Northwestern Telephone, Midway 486. The president's residence call is Dale 235-J2. The Women's Dormitory is Midway 171-R, and that of Edwards Hall, Midway 122-L.

COLLEGE OF LIBERAL ARTS.

Courses of Study.

The College of Liberal Arts embraces the following general courses:

1. The Classical Courses, leading to the degree of A. B. In these courses, Latin must be continued throughout the freshman year, and the other language offered for entrance, usually Greek or German, must be continued to the close of the sophomore year.

II. The Scientific Courses, leading to the degree of B. S. In these courses, mathematics must be continued throughout the freshman year. In addition, four sciences are required before the end of the course, a year's course in each of three and a two years' course in the fourth.

On entrance, the student makes choice of one of the above kinds of course. Thereafter deviation from the course chosen must be with consent of the faculty upon written application stating reasons.

Preparation for the Study of Medicine.—The work in Biology and in Chemistry (over three years in the laboratory) furnishes rare preparation for those who intend to study medicine.

Preparation for the Study of Law.—The required studies in Political Economy and Social Science and the electives in Forensic Oratory and Constitutional History offer an admirable course to those who are preparing for law. Students who, while pursuing certain studies in college, would like also to take up the study of law, find excellent opportunity of doing so in connection with the St. Paul Law School, which gives all its lectures in the evening in the City Hall, but twenty-five minutes' ride from the college.

Preparation for Teaching.—Attention is called to the excellent courses in Education open to students who intend to teach. The College seeks especially to meet

the needs of such. The courses in Psychology are thorough and extensive and relate themselves closely to Education. It is expected to supplement the classroom work with lectures by teachers of large experience. A course is now offered in laboratory shop work. This course affords those who are intending to teach science an excellent opportunity for practical experience and preparation.

Preparation for the Christian Ministry.—The Bible study required through the course and the electives in Greek Testament, Hebrew, and Literary Study of the Bible, offer a course unusually well adapted to those who have the gospel ministry in view. Those, too, who are preparing to be missionary teachers will find in the wide range of Bible study pursued in the college an indispensable and very attractive adjunct to their course.

Senior Electives for Medical Students.—Students intending to study medicine, who are obliged to shorten their course in preparation, may in the following manner save one year while still obtaining their degrees. After completing three years of the college course and being enrolled for the fourth year, they may take the first year of the medical course in any medical school approved by the faculty, in place of the work of the senior year. This will be permitted subject to the following conditions: first, the required studies of the college must be completed in every case; secondly, a certificate must be presented from the medical school, showing the successful completion of the work of the first year in that school.

The faculty strongly advises against the adoption of this course except where absolutely necessary.

Partial Courses.—With the approval of the faculty, students who are not looking forward to a degree, may

be admitted to select courses for which they have sufficient preparation.

Admission from the Academy.—Graduates from the Academy are admitted, without examination, to the college course for which they are prepared.

Admission from High Schools and Academies.—Grades and certificates from other colleges, from academies and high schools will be accepted in lieu of examinations in so far as they represent an equivalent of preparation.

Certificates from high schools which offer a full four-years course admit students to the freshman class without condition, subject to proper adjustment to courses herein offered; provided that said certificate represents thirty half-year credits. By a half-year credit is understood five recitations a week for eighteen weeks or the equivalent. Students deficient in required German or Greek, and having certificates as designated above, will be admitted without condition; but will be required to take, before graduation, a sum total of four years of the language elected. The amount required in College over and above two years will be counted as Junior and Senior three hour electives.

Students desiring to enter college without examination should send for an applicant's blank. This is to be carefully filled out by the proper authorities of the school last attended, and returned not later than September tenth. If this is done it will greatly expedite the work of classifying the new students at the opening in the fall.

Deficiencies.—Students who are not fully up to the requirements will be given every opportunity to remove their deficiencies, but no students should undertake to make up more than one-third of a year's work.

REQUIREMENTS FOR ADMISSION TO THE FRESHMAN CLASS.

All candidates for admission to the freshman class must pass examination or present satisfactory credits in the following subjects:

I. English:

Grammar, and Analysis, including Orthography, Punctuation.

Rhetoric and Composition.

Literature. This examination is based on a careful study of: Shakespeare's Macbeth; Milton's L'Allegro, Il Penseroso, Comus, and Lycidas; Burke's Speech on Conciliation with America; Macaulay's Essays on Addison and Milton, and a careful reading of: George Eliot's Silas Marner; Pope's Translation of the Iliad (Books i, vi, xxii, and xxiv); The Sir Roger de Coverley Papers in the Spectator; Goldsmith's Vicar of Wakefield; Scott's Ivanhoe; Shakespeare's Merchant of Venice; Cooper's Last of the Mohicans; Tennyson's Princess; Coleridge's Rime of the Ancient Mariner.

No candidate will be accepted in English whose work is seriously defective in point of spelling, punctuation or grammar.

II. Mathematics:

Arithmetic: Including the Metric System.
Algebra: Higher through Quadratics.
Geometry: Plane and Solid.

III. Latin:

Grammar and Lessons (one year).

IV. Science:

Elementary Physics or Chemistry: one year.

V. History:

United States: McMaster's, Johnston's, or their equivalent.

Greece: Morey's, Oman's, or their equivalent.
Rome: Morey's, Allen's or their equivalent.
England: Coman & Kendall's, or its equivalent.

VI. Geography:

Descriptive Geography: Ancient and Modern.
Physical Geography: Dryer's, Tarr's, Davis', or their equivalent.

In addition to the above there is required for the

Classical Courses.

I. Latin: Virgil: Six books of the Aeneid.
Caesar: Four books of the Gallic War.
Cicero: Six orations.
Prose Composition, based on Caesar.

II. Greek:

Grammar and Lessons (one year),
or Xenephon: Four books of the Anabasis.
Prose Composition, based on the Anabasis.

III. German:

Grammar and Lessons: Spahnhoofd or Becker.
Reader: Glueck Auf, or its equivalent.
Literature: Storm's Immensee, Wilhelm Tell and Hermann und Dorothea, or the equivalent of these.
Composition: Simple prose.

Students deficient in Greek or German see preceding paragraph on Admission from High Schools and Academies.

Scientific Courses.

I. German: Same as above.

II. Science: Physiology, Botany and Zoology, one-half year of each; Physics, one year.

Synopsis of Courses of Study.

FRESHMAN YEAR.

FIRST SEMESTER.		SECOND SEMESTER.	
REQUIRED:		REQUIRED:	
Bible, 1*.	(1)	Bible, 1.	(1)
English, 1.	(3)	English, 1.	(3)
Oratory, 1.	(2)	Oratory, 1.	(2)
ELECTIVE:		ELECTIVE:	
GROUP I.		GROUP I.	
Mathematics, 1.	(4)	Mathematics, 2.	(4)
Biology, 1.	(4)	Biology, 1.	(4)
Chemistry, 1.	(4)	Chemistry, 1.	(4)
Latin, 1.	(4)	Latin, 1.	(4)
History, 1.	(4)		
GROUP II.		GROUP II.	
Latin, 1.	(4)	Latin, 1.	(4)
Greek, 1.	(4)	Greek, 2.	(4)
French, 1.	(4)	French, 1.	(4)
German, 1, 5.	(4)	German, 1, 5.	(4)

A classical Course must include Latin, one other subject from Group I, and the second language from Group II, which was offered for entrance.

A scientific Course must include mathematics and one subject in addition from each group.

* Plain figures refer to the courses as numbered in the description of the courses following; figures in parenthesis, to the number of hours a week; and so throughout this synopsis.

SOPHOMORE YEAR.

FIRST SEMESTER.		SECOND SEMESTER.	
REQUIRED:		REQUIRED:	
Bible, 2.	(1)	Bible, 2.	(1)
Political Science, 1.	(2)	Political Science, 1.	(2)
ELECTIVE:		ELECTIVE:	
GROUP I.		GROUP I.	
Latin, 2.	(3)	Latin, 2.	(3)
German, 2, 5.	(3)	German, 2, 5.	(3)
French, 1, 2.	(3)	French, 1, 2.	(3)
Greek, 3.	(3)	Greek, 4.	(3)
GROUP II.		GROUP II.	
Latin, 2.	(3)	Latin, 2.	(3)
Biology, 2.	(3)	Biology, 2.	(3)
Physics, 1.	(3)	Physics, 1.	(3)
Chemistry, 1.	(4)	Chemistry, 1.	(4)
Chemistry, 2, 4	(3)	Chemistry, 2, 4.	(3)
Mathematics, 3.	(3)	Mathematics, 4.	(3)
GROUP III.		GROUP III.	
Education, 1.	(3)	Education, 2.	(3)
English, 2.	(3)	English, 3.	(3)
Mathematics, 3.	(3)	Mathematics, 4.	(3)
GROUP IV.		GROUP IV.	
Biology, 2.	(3)	Biology, 2.	(3)
Physics, 1.	(3)	Physics, 1.	(3)
Chemistry, 1.	(4)	Chemistry, 1,	(4)
Chemistry, 2, 4.	(3)	Chemistry, 2, 4.	(3)
GROUP V.		GROUP V.	
English, 2.	(3)	English, 3.	(3)
History, 2.	(3)	History, 3.	(3)
Oratory	(2)	Oratory	(2)
Shop Work	(3)	Shop Work	(3)

Students must select one from each group.

The language chosen from Group II, of preceding year must b continued through this year.

Chemistry must be chosen unless student has already obtaine credit for one year's work in the subject.

A total of eighteen hours per week is required.

JUNIOR YEAR.

FIRST SEMESTER.

REQUIRED:

Bible, 3.	(1)
Psychology, 1.	(3)
Sociology, 3.	(2)

ELECTIVE:

GROUP I.

Physics, 1, 2.	(3)
Chemistry, 2, 3, 4.	(3)
Biology, 3.	(3)
Mathematics, 3, 5.	(3)
Astronomy, 1.	(3)
Geology, 1.	(3)

GROUP II.

English, 4.	(3)
English, 7.	(2)
Greek, 3, 5, 7.	(3)
German, 1, 3, 5, 6.	(3)
French, 1, 2, 3.	(3)
Latin, 3, 4,	(3)
Hebrew, 1.	(3)

GROUP III.

Philosophy, 4.	(3)
Music, Advanced,	(2)
Bible, 5.	(2)
History, 1, 4.	(3)
Polit. Sci., 2, 5.	(2)
Education, 1, 3, 4.	(3)
Oratory,	(2)
Shop Work	(2)

SECOND SEMESTER.

REQUIRED:

Bible, 3.	(1)
Psychology, 1.	(3)
Sociology, 3.	(2)

ELECTIVE:

GROUP I.

Physics, 1, 2.	(3)
Chemistry, 2, 3, 4.	(3)
Biology, 3.	(3)
Mathematics, 4, 5.	(3)
Astronomy, 1.	(3)
Geology, 1.	(3)

GROUP II.

English, 4.	(3)
English, 7.	(2)
Greek, 4, 5, 7.	(3)
German, 1, 3, 5, 6	(3)
French, 1, 2, 3.	(3)
Latin, 3, 4.	(3)
Hebrew, 1.	(3)

GROUP III.

Philosophy, 5.	(3)
Music, Advanced,	(2)
Bible, 5.	(2)
History, 1, 5.	(3)
Polit. Sci., 2, 5.	(2)
Education, 2, 3, 4.	(3)
Oratory,	(2)
Shop Work	(2)

Students must select one study from each group; a total of eleven hours is to be taken.

SENIOR YEAR.

FIRST SEMESTER.		SECOND SEMESTER.	
REQUIRED:		REQUIRED:	
Bible, 4.	(1)	Bible, 4.	(1)
Logic, 2.	(3)	Ethics, 3.	(3)
ELECTIVE:		ELECTIVE:	
GROUP I.		GROUP I.	
Astronomy, 1.	(3)	Astronomy, 1.	(3)
Geology, 1.	(3)	Geology, 1.	(3)
Mathematics, 2, 3.	(3)	Mathematics, 2, 3.	(3)
Chemistry, 2, 3, 4.	(3)	Chemistry, 2, 3, 4.	(3)
Physics, 1, 2.	(3)	Physics, 1, 2.	(3)
Biology, 3.	(3)	Biology, 3.	(3)
GROUP II.		GROUP II.	
English, 5, 7.	(2)	English, 6, 7.	(2)
Greek, 3, 5, 6, 7.	(3)	Greek, 4, 5, 6, 7.	(3)
Latin, 5, 6.	(3)	Latin, 5, 6.	(3)
French, 1, 2, 3.	(3)	French, 1, 2, 3.	(3)
German, 2, 3, 4, 5, 6.	(3)	German, 2, 3, 4, 5, 6.	(3)
Hebrew, 2.	(2)	Hebrew, 2.	(2)
Apologetics, 6.	(3)	Philosophy, 8.	(3)
GROUP III.		GROUP III.	
Philosophy, 6, 7.	(3)	Philosophy, 6, 7, 8.	(3)
Bible, 5.	(2)	Bible, 5.	(2)
Polit. Sci., 2, 4.	(2)	Pol. Sci., 2, 4, 6.	(2)
Music, Advanced,	(2)	Music, Advanced,	(2)
Education, 1, 3, 4.	(3)	Education, 2, 3, 4.	(3)
History, 4.	(3)	History, 5.	(3)
Oratory,	(2)	Oratory,	(2)

Students are to elect thirteen hours.

Particular Description.

ENGLISH.

1. **Rhetoric.**—The course in rhetoric is intended to cultivate the taste and to develop the critical power of the student; to train him in accurate observation and thinking and to the use of clear, forcible and elegant English. It includes the following: Theory and practice in the making of abstracts and plans especially in exposition and argumentation; constructive studies in characterization, the short story, the essay, the ballad and the sonnet. Throughout the course emphasis is laid on practice rather than theory with a view to prepare the student for practical journalistic work. Freshman year, three hours a week; required.

2. **Anglo-Saxon and Middle English.**—Study of grammatical forms; reading of Sweet's Anglo-Saxon Primer and other selections; Sweet's First Middle English Primer; complete text of Chaucer. Open to sophomores. First semester, three hours a week.

3. **American Literature.**—Readings, studies and themes, under the direction of the professor, in the lives and masterpieces of our great writers. Open to sophomores, second semester, three hours a week.

4. **English Literature.**—The aim of the course is to emphasize the main facts in the development of the literature. Spenser, Shakespeare and Milton are extensively read and discussed. Open to juniors, three hours a week throughout the year.

5. **Criticism.**—A study of the principles governing literary composition. Open to seniors, first semester, two hours a week.

6. **Modern English Poets.**

(1) From Milton to Tennyson.—A critical study of

short selections. Each representative poet is studied in relation to his personal environment and the intellectual condition of his age. Open to seniors; first half of second semester, two hours a week.

(2) A Study of Browning.—Open to seniors; second half of second semester, two hours a week.

7. Oratory.—This elective is open to seniors and juniors. Exposition and study of oratorical masterpieces, analysis of essays and arguments, themes and briefs. One year, two hours a week.

LATIN.

1. Freshman Year.—Cicero's De Senectute and De Amicitia, Pliny's or Cicero's Letters and Livy's story of the Hannibalic war. Along with the study of these texts there is collateral work upon the life, style, and works of the authors, as well as the social and political customs and problems of their times. There is also pursued a careful study of etymology and phonology, while the principles of syntax receive constant attention and elucidation. Required of freshman in classical courses; elective in scientific. Four hours a week throughout the year.

2. Sophomore Year.—During the first semester the Odes, Satires and Epistles of Horace are read, not so much, however, as a study of language as of literature. The subject of prosody, as suggested by his various metres, is given due consideration. The second semester is spent upon the Germania and Agricola of Tacitus, and on selections from Quintilian. These works are alike valuable for their contents and literary style and furnish conspicuous examples of later Latin. They are studied both from a literary and a linguistic point of view. Open to sophomores, three hours a week throughout the year.

To juniors the following courses are open:

3. **Oratory.**—(a) Cicero: De Oratore, (b) Cicero: Brutus or Oratio pro Milone, (c) Tacitus: Dialogus de Oratoribus.

4. **Drama.**—(a) Plautus: Aulularia, Rudens, (b) Plautus: Captivi, Trinummus, (c) Terence: Andria, Adelphoe.

Each of these three hours a week throughout the year.

To seniors the following are open:

5. **Ethics.**—(a) Cicero: De Finibus, (b) Cicero: De Officiis, (c) Seneca: Essays.

6. **Lyric Poetry.**—(a) Catullus, (b) Tibullus, (c) Propertius, (d) Latin Christian Hymns.

Each three hours a week throughout the year.

Each elective will receive the textual and collateral study appropriate.

Throughout the whole college course, students are encouraged and expected to make original investigation, to formulate their own conclusions, and to cultivate the art of literary criticism. As much time as possible is devoted to such collateral subjects as add both interest and information.

GREEK.

The general aim in this department is to learn to read Greek readily; to become acquainted with the Greek people as revealed in their great creations in history, oratory, philosophy, poetry and art; to arrive at a just estimate of the contribution of the Hellenic race to human progress.

1. **Attic Greek.**—The reading and study of easy Attic prose, begun in the Academy, is continued into the freshman year. Xenophon (Hellenica) or Lucian (Dialogues) are the authors read. The grammar is carefully reviewed and the study of prose composition

continued. First semester freshman year, four hours a week.

2. **Ionic Greek.**—The second semester is devoted to Herodotus and Homer. The deviations from the Attic in accidence and syntax are carefully noted. The Iliad is studied as literature and an effort is made to trace its influence on later epics. Four hours a week.

3. **Orators.**—The third course embraces a study of the Greek orators during the first semester of the sophomore year. Several of the orations of Demosthenes are read and in this connection the rise and development of oratory is traced. Three hours a week.

4. **Philosophical Writings.**—The second semester of the sophomore year is devoted to literature on philosophy. Selections from Plato, Aristotle and the Memorabilia of Xenophon are read. Three hours a week.

5. **The Drama.**—The fifth course embraces certain of the plays of Aeschylus, Sophocles, Euripides or Aristophanes. The Greek theatre and Greek dramatic art are studied and a number of plays read, others outlined. Open to seniors or juniors three times a week.

6. **Greek Testament.**—For a sixth course the Greek New Testament is offered. It is intended especially for those who expect to go to the theological seminary or who may wish to know the original of the New Testament. Open to the juniors and seniors three times a week.

7. **Lyric Poets.**—In lieu of courses 5 and 6 a course may be offered in the Lyric poets or in Modern Greek or in both.

Students that have pursued the study of German or French to the end of the sophomore year may take as an elective the Greek of the Academy (Lessons and Anabasis).

GERMAN.

German is a feature of the modern classical courses and runs parallel with the Greek in ancient classical. The aim is to master the language both as spoken and written. The works of some of the best classical and living authors are read and the materials in the different books furnish the subject for easy conversation in German.

Composition and rapid reading of living authors is a feature of the advanced work.

1. **Freshman Year.**—Easy prose (a) Aus Deutschen Meisterwerken, (b) Two Novellen by Baumbach, (1) Der Schwiegersohn, (2) Die Nonna, (c) Schiller's Das Lied von der Glocke, (d) Lessing's Minna von Barnhelm. First semester, four hours a week. (a) German Composition, (b) Goethe's Iphigenie, (c) German lyrics and ballads. Second semester, four hours a week. Required of freshmen in classical courses, offering German for entrance. Open also to juniors.

2. **Sophomore Year.**—(a) Goethe's Faust, Part I; (b) Schiller's Maria Stuart; (c) Lessing's Nathan der Weise are read the first semester. The second semester is devoted to the study of the best modern Novellen. Heyse, Jensen, Riehl, Storm, Seidel, Fulda and Wildbrandt are the authors read. These texts furnish the subjects of conversation in German. Three hours a week throughout the year. Open to sophomores and seniors.

3. **History of German Literature.**—The text used is Kluge's Deutsche Litteratur, supplemented by lectures. Then follows a study of the Romantic School, which includes the reading of Heine's Harzreise and Scheffel's Ekkehard. Open to juniors and seniors, three hours a week, throughout the year.

4. **The Modern Drama.**—(a) Freytag's Die Jour-

nalisten. (b) Moser's Der Bibliothekar. (c) Wildenbruch's Harold. (d) Hauptmann's Die Versunkene Glocke. (e) Sudermann's Johannes. (f) Lectures on the latest dramas. Open to seniors, three hours a week throughout the year.

5. Middle High German.—A course in Middle High German is offered to native German students, and to such other students as are qualified to take up this study. First, a brief study of Middle High German Grammar, and then Das Niebelungenlied and Gudrun are read. Three hours a week throughout the year.

6. (a) Goethe's Wilhelm Meister. (b) Schiller's Thirty Years' War. (c) Freytag's Aus dem Jahrhundert des grossen Krieges. First semester, three hours a week. (a) Goethe's Egmont. (b) Schiller's Die Jungfrau von Orleans. (c) Wieland's Oberon. Second semester, three hours a week.

Besides the above courses for advanced students the German of the junior and senior years of the Academy is open to students who wish to enter upon the study of German.

FRENCH.

1. First Year.—This year is devoted to grammar, composition, conversation, and easy reading. Open to all college students; four hours a week throughout the year.

2. Prose Literature.—This course includes a critical reading of some of the French classics, which will be varied from year to year; also conversation and composition. Open to all who have completed course 1; throughout the year, three hours a week.

3. The Drama.—The reading and interpretation of portions of French dramatic literature comprise the work of the third year. Open to all who have completed course 2; throughout the year, three hours a week.

HEBREW.

Hebrew is elective in the junior and senior years. The course is intended, (1) to prepare students to do advanced work as soon as they enter the theological seminary; (2) to enable them to specialize in some other department.

One year, three hours a week; open to juniors and seniors.

One year, two hours a week; open to seniors.

THE MENTAL SCIENCES AND PHILOSOPHY.

1. Psychology.—This course aims at a somewhat comprehensive view of the most important divisions of the science. Because of the value of psychology for knowledge and culture and its fundamental importance to the other studies of this department and to education the course is made more complete than usual. Instruction is by means of recitation, experiment, lectures and class discussions. Required of juniors, three hours a week for a year.

2. Logic and Scientific Method.—This course comprises a study of logic, deductive and inductive, of fallacies, logical theories and of scientific method. Abundant exercise is given in order to fix facts and principles and to cultivate keenness in analysis and discrimination. Required, three hours a week, first semester, senior year.

3. Ethics.—Ethics is placed near the end of the course in order that the philosophic aspect of the subject may be the better appreciated. The ethical facts are studied as they appear in life; then the theories of ethics are taken up for the purpose of obtaining a philosophical basis; and finally practical questions are handled by means of lectures and discussions. Required of seniors, second semester, three hours a week.

4. The History of Philosophy, Ancient and Medieval.—This course reviews the whole period under consideration, but gives special attention to Plato and Aristotle. It aims to trace the development and connections of philosophic conceptions and systems, and to indicate their relation to the life of their times. Open to juniors and seniors, first semester, three hours a week.

5. The History of Modern Philosophy.—The history of philosophy from Descartes down to the present, with special attention given to Kant. Open to juniors and seniors who have completed Course 4, second semester, three hours a week.

6. Readings in Spencer and Others.—The course aims to introduce the student at first hand to some important works mostly English and of our own time, by critical reading. The course varies from year to year, but two of the works commonly read are Spencer's First Principles and James' Will to Believe. Open to seniors three hours a week, for a year.

7. Kant.—A year in the critical study of Kant's philosophy. The time will be devoted mainly to the Critique of Pure Reason. Open to Seniors, three hours a week for a year. This course is properly alternative to Course 6, but will be given if a sufficient number request, as an additional course.

8. The Philosophy of Religion.—This course is intended as supplementary to the course in apologetics. It aims to exhibit and defend a philosophic conception in harmony with the Christian religion. Open to seniors, and to others by special permission, three hours a week, second semester.

POLITICAL SCIENCE.

1. Political Economy.—A general survey is taken of the history, theories and generally accepted princi-

ples of Political Economy. A standard text-book such as Gide or Fettes, is used, supplemented by collateral studies in Adam Smith, Mill, Ricardo, Walker, articles in cyclopedias, etc. Required two hours a week through the sophomore year.

2. **Political Economy.**—In the elective course substantially the same ground is covered, but more attention is given to the historical development of the science, and to the application of sound principles to current economic questions. Two hours a week throughout the year; open to juniors and seniors.

3. **Sociology.**—Under this head are included the history, various theories and principles of sociology. Important aims are, to show the extent of the field, to arouse an interest in the study, and to help to correct methods of sociological investigation. Wright's Practical Sociology is used as a text-book, but the systems of sociology as presented in Spencer, Ward and others are presented and discussed. Required, two hours a week, throughout the junior year.

4. **Sociology.**—The time will be devoted to a more detailed study of the history of Sociology, the theories of Giddings and to original inductive studies. Elective; two hours a week.

5. **History of Civil Government.**—The State, by Professor Wilson, is used as a text-book, with collateral study of constitutions. The aim is to trace clearly the great and distinctive features in the government of the leading European nations. Senior year, two hours a week.

6. **International Law.**—A brief course in the outlines of this important subject offered to meet the interest arising from our wider international relations. Open to seniors, second semester, two hours a week.

CHEMISTRY.

1. General Inorganic Chemistry.—The course includes a thorough study of the principal elements and their compounds, their occurrence in nature, preparation in the laboratory, etc.; also an introduction to the study of qualitative analysis. One year, eight hours a week, counted in the course as four. Required of sophomores, except where students have already had one year in chemistry. Students entering college with one year of high-school chemistry will be excused from this course, but will not receive a credit for the same.

2. Qualitative Analysis.—Lecture and laboratory work, including the detection and separation of the metals, and the identification of the acids. Open to those who have completed course 1. One year, six hours a week, counted in the course as three.

3. Quantitative Analysis.—Lecture and laboratory work. This includes an introduction to the gravimetric and volumetric analysis, and the quantitative separation of the metals. Open to those who have completed courses 1 and 2. One year, six hours a week, counted in the course as three.

4. Organic Chemistry.—Lecture and laboratory work. This course includes a study of the aliphatic and aromatic series, with a preparation of the more important compounds. Open to those who have completed course 1. One year, six hours a week, counted in the course as three.

The chemical laboratory is well equipped for thorough work in the courses offered. Especial attention will be given to a scientific method of observation and interpretation of results. Each student will make a complete and systematic record of all his investigations.

PHYSICS.

This course includes a thorough study of mechanics, sound, and heat.

1. A large part of the time is spent in laboratory work, and the student's conceptions of Physical Laws are developed as largely as possible from observation and experiment. Open to all students who have completed course (1) in mathematics. Three hours a week, two of which are double hours for laboratory work. One year.

2. This course includes a thorough study of Electricity and Light. Approximately half of the time is spent in laboratory work. The practical applications of electricity in modern industry are given the careful consideration that they rightly deserve. Open to students who have completed course (1). Three hours a week, two of which are double hours for laboratory work. One year.

LABORATORY SHOP WORK.

In response to the general demand throughout the state for Science teachers for Secondary Schools who have had a practical training course, a students' laboratory shop has been equipped in connection with the department of Physics. A thorough course including the construction, use, and repair of Physical apparatus has been outlined to accompany the theoretical and laboratory course in Physics. If desired, the student may, in most cases, pay for actual material used and retain the model constructed.

These courses include:

(a) Practical manipulation of wood, metal, and glass, for the construction of apparatus.

(b) A study of the design and mechanical construction of various forms of apparatus adapted to demonstrations and laboratory work in High School Physics.

(c) The construction of a number of pieces of apparatus and the determination of errors.

(d) Methods and class demonstrations.

1. The subjects covered are Mechanics, Sound, and Heat, the course being parallel with course (1) in Physics. Open to Scientific students taking either course (1) or (2) in Physics. Three double hours a week. One year.

2. This course is similar to course (1) except that the subjects covered are Electricity and Light, the work being parallel with course (2) in Physics. Open to all who have completed course 1, and who have completed or are taking course (2) in Physics. Three double hours a week. One year.

BIOLOGY.

1. Botany.—This course includes the anatomy and physiology of plants, together with a brief course in microscopical method and histology. Lectures, laboratory and field work. Open to all college students; four hours a week throughout the year.

2. Zoology.—A study is made of typical forms of animal life, tracing the development from lower to higher forms. Lectures, laboratory and field work. Open to sophomores, juniors and seniors; three hours a week throughout the year.

GEOLOGY.

A general course in structural, dynamic and historical geology, also a brief course in mineralogy and crystalography. Lectures, laboratory and field work.

The library contains valuable reference works, including the state geological reports of Minnesota. There is a good collection of specimens, which is added to each year.

Open to juniors and seniors, three hours a week throughout the year.

MATHEMATICS.

1. **Higher Algebra.**—A rapid review is made of simple equations, ratio and proportion, progressions and quadratics, followed by infinitesimal analysis, development of binomial and Taylor's formulas, logarithmic series and discussion of higher equations, series, etc. Open to all students and required in Scientific course. Four hours per week. First semester.

2. **Trigonometry and Analytic Geometry.**—An attempt is made to give the student a clear understanding of trigonometric functions, development of formulae and their application to the solution of problems.

This is followed by a brief course in analytic geometry, sufficient for elementary courses in physics and astronomy.

Open to all students, and required of freshmen who elect a scientific course; four hours a week. Second semester.

3. **Analytic Geometry.**—This is a continuation of course 2. Equations of straight lines, and the principal curves and their tangents are discussed by both rectilinear and polar coordinates. Open to those who have completed course 2. Four hours per week. First semester.

4 **Differential and Integral Calculus.**—A brief study of the principles of differential calculus based on theory of limits followed by a short course in integral calculus. Open to those who have completed course 3. Four hours per week. Second semester.

5. This course will be chosen from the following objects: surveying, mechanics, theory of equations or have completed course 2. Four hours per week. Open to all who have completed course 2.

ASTRONOMY.

The aim of this course is to give the student some

idea of the solar system, its position with reference to the stars and the position of the Earth in its system. Some of the simpler astronomical problems, such as the determination of time, latitude and longitude, parallax, distance and magnitude are discussed. The principal constellations are located and the student made familiar with the appearance of the heavens at different times of the year.

Open to all who have completed Course 1 in mathematics; one year, three hours a week.

EDUCATION.

1. The History of Education.—A view of the history of education by means of lectures, readings, class discussions and papers. It is intended that the course should have a high cultural value through the survey which it furnishes of a most important aspect of human thought and progress. Open to sophomores, juniors and seniors. Monroe's History of Education will furnish the basis of the work. Three hours a week, first semester.

2. The History of Education in the United States.—A survey of the progress of education in this country elementary and higher; of the present status, organization and tendencies. The year in the history of education is completed by a brief comparative study of the modern European systems of education. Open to all who have completed course 1. Text-book, Dexter's History of Education in the United States. Three hours week, second semester.

3. The Theory of Education.—This course as now arranged consists of three parts, as follows:

(a) The Principles of Education. A study of the nature of education, its objects and purposes, its means and methods. Horne's Philosophy of Education is the basis of work.

(b) The Art of Teaching. A study of the immediate aims of the teacher; of the devices and methods made use of by teachers in the work of teaching with a critical estimate of their value. White's Art of Teaching is the basis for the study.

(c) School Organization and Management. This is an important study for those looking forward to teaching as a profession. The course will include some account of school law. Text-book, Dutton's School Management. In connection with the last division of this course we have the pleasure of announcing courses of lectures by State High School Inspector Geo. B. Aiton, and President Hodgman.

Open to juniors and seniors, three hours a week throughout the year.

4. A Reading Course.—This course proposes a reading and discussion in some of the more important educational writers of ancient and modern times; such as Plato, Aristotle, Quintilian, Locke, Rousseau, Herbart, and Spencer. Open to juniors and seniors, also to others on approval of the faculty, two hours a week, throughout the year.

BIBLE AND APOLOGETICS.

1. The Life of Christ.—Two semesters, one hour a week. Text-books, Stevens and Burton's Harmony, and Burton and Matthews' Constructive Studies. Required of freshmen.

2. "The Book of Acts and Letters of Paul."—This is a study of the primitive church as described in the Acts, and an analytic study of Paul's epistles. Two semesters, one hour a week. Required of sophomores.

3. "Outline Studies in the Books of the Old Testament."—This includes a rapid survey of many of the Old Testament books in such a way as to acquaint the student with the contents of the books themselves, the

chronology of the Old Testament and the general course of the national history. Two semesters, one hour a week. Required of juniors who do not elect Literary Study of the Bible.

4. **The Prophets of Israel.**—This includes a study of the prophets themselves, their general appearance, their place in the community, functions, etc., with special emphasis upon their preaching of the Messianic Promise. Two semesters, one hour a week. Required of seniors who do not elect Literary Study of Bible, Apologetics or Greek Testament.

5. **The Literary Study of the Bible.**—This course is a study of the different literary forms found in the Bible. It includes a special study of the Book of Job. Text-book, Moulton's Literary Study of the Bible. Two semesters, two hours a week. Open to juniors and seniors.

6. **Apologetics.**—This course aims chiefly at two things:

First, a brief exposition of Christian theism and an exhibition of its superiority in philosophy and in practice to the various opposing theories; deism, pantheism, materialism and agnosticism.

Secondly, a summary of the argument for historical Christianity and an examination of criticisms and objections, especially those of our own day. First semester, three hours a week. Open to seniors.

For further courses see the departments of Greek, Hebrew and Philosophy.

HISTORY.

Course 1.—From 395 to 1300. This course will be a study of the barbarian invasions, the rise and growth of the papacy, the feudal system, the crusades, the rise of cities, and the formation of modern European nations, especially as illustrated by Germany, France and

Italy. Text-book, collateral reading, lectures and quizzes, one year.

Course 2.—A study of the political and constitutional history of England from 1066 to 1742. Text-books, collateral reading, lectures and quizzes. First semester. Open to those who have taken course 1 or equivalent.

Course 3.—The history of the Renaissance and Reformation to the Peace of Westphalia, 1648. Text-book, collateral reading, lectures and quizzes. Second semester.

Course 4.*—The French Revolution, and Europe in the nineteenth century.

Course 5.*—History of the United States. From the Revolutionary era to the present.

*Courses IV. and V. will not be offered in 1907-8.

Dramatic Art.

The department is under the direction of Miss Grace Whitridge, a post-graduate of the Boston School of Oratory, and a graduate of the National Conservatory of Dramatic Art of New York.

1. Method.—The system of training is based upon the principles taught at the Conservatoire in Paris.

"Every art must have an underlying science. Creation is the exponent of supreme power and wisdom. Art is the exponent of all human power and knowledge. Science is systematized knowledge. Elocution is both a science and an art. As a science it recognizes emotion, dissects it, arranges it and presents for study the factors which produce it. As an art it puts into practice the appropriate, natural and artificial means by which emotion can be expressed. This being understood, the student of acting or of elocution is taught that emotion is the expression of a sensation aroused by some external circumstance, and he is made to analyze and represent the physical effects which the various emotions in nature produce, and the natural language by which they express themselves."

2. The aim of the work is to teach the students scientific principles and to give them artistic and practical training which will enable them to avoid all affectation and rant, all mere trickery and striving for effect. Every pupil must pass a prescribed percentage to entitle him or her to a public appearance.

3. Outline of Study—

(1) Breathing, Voice Production—Theory, practice Science and art of elocution in its relation to reading recitation and oratory—Factors of expression.

(2) Analysis of Emotions—Theory, practice.

Physical Training—Pose, gesture, facial expression

Analysis and rehearsing of one Shakespearean play.
Bible reading.

Elocution is required in the freshman year and is open as an elective study to juniors and seniors. Students taking elocution are required to pass examinations as in the case of other studies.

Art.

For students who wish to devote a part of their time to the study of Art satisfactory arrangements are made with the St. Paul School of Fine Arts. Rates of tuition will be furnished on application.

This school is located at 48 East Fourth, about thirty minutes from the college and within one block of the street car line that runs through the college grounds. The officers of the school are: Mrs. Herbert Davis, President; Miss Clara Sommers, Secretary; Miss Anna Carpenter, Treasurer. The Director is Miss Bonta, of New York City.

The school opens October 1st and closes June 1st. The schedule of hours is: Morning, 9 to 12; afternoon, 2 to 5; evening, 7 to 9:30.

Classes are conducted as follows: Life Class, Class in Antique and in Design. There is also a class in Out-of-Door Sketching in fall and spring. For further information address Miss Bonta, School of Fine Arts, St. Paul, Minn.

MUSIC STUDIO.

SCHOOL OF MUSIC.

Department of Music.

The students of music are under the direction of Mr. Harry E. Phillips, of St. Paul, and an able corps of assistants. Mr. Phillips has had the advantage of a thorough training both at home and abroad.

Since his return in 1889 he has been successfully engaged in the teaching of music in the city of St. Paul, and has been prominently identified as a baritone and director of music with various important churches of the city, namely: Dayton Avenue Presbyterian, St. Luke's Catholic, People's Church, St. John's Episcopal, Jewish Synagogue, Hennepin Avenue Methodist Episcopal Church, Minneapolis, now with the Westminster Presbyterian Church, Minneapolis.

Owing to Mr. Phillips' increased vocal classes both in St. Paul and Minneapolis as well as numerous concert engagements, he finds it necessary to relinquish his piano class, devoting his entire time to vocal work. It gives him much pleasure to announce that Mr. G. H. Fairclough will take up the work in his stead, assuming entire charge of the piano department. Associated with Mr. Fairclough will be Mr. James A. Bliss of Minneapolis, late of Chicago, Mrs. H. E. Phillips who, as formerly, will teach in the preparatory department, Mr. Nelson, violin, and Mr. J. K. Ryder, mandolin, guitar and banjo.

Mr. Fairclough was a pupil for three years at the Royal High School of Music, Berlin, Germany, studying under Professors Barth, von Petersen and Ernest Schilling, piano, Dr. Bridge, organist and choirmaster of Westminster Abbey, London, England. Previous to his trip abroad Mr. Fairclough was director of a large Presbyterian Ladies' College in Brantford, Ont. He is at present one of the leading piano teachers of St. Paul

s well as organist and choirmaster at St. John's Episopal church, where he has one of the finest boy choirs f the Northwest. Mr. James Bliss is a former piano upil of Mr. W. H. Sherwood of national reputation and s thoroughly qualified both as concert pianist and eacher. Mr. Sherwood says of him: "He has a very owerful, brilliant technique and his knowledge of ood, modern methods of music study and hand training at the piano will make him a valuable teacher." Mrs. Phillips has made a thorough study of the piano nd is exceptionally well prepared to carry on all of the reliminary work, which is of such great importance to he student and the value of which is often underestinated. This preliminary work includes the study of erfect hand position, the thorough knowledge of time, he study of phrasing and accentuation, etc.

Plans are under way for marked developments in the nusic department, notice of which will be given later.

The Place of Music.—Music has been viewed too nuch as a mere accomplishment. It has come to be ecognized, rather, as having high educational value nd as constituting an important part of a complete edication.

The Course of Study pursued embraces the following ranches:

Piano-forte, vocal culture, organ, violin and other tringed instruments, harmony, counter-point, and genral musical theory.

Piano.—It is the aim of this department to make horough pianists. Modern science has accomplished nuch in the study of the arm, wrist, knuckles and ingers, involving many new motions and combinations or controlling touch and technique. Much disappointnent and misdirected effort can be spared by proper ttention to the details at the outset. Pupils are expected to study harmony, musical analysis, and the

correct reading of all signs of expression, phrasing, dynamic values, touch, proper use of the damper pedal, etc.

All students upon entering the School of Music will be examined by Professor Phillips and properly classified. Examinations will also be made by him from time to time of pupils in the preparatory school.

The preparatory course consists of Book 1; Douvenoy, Opus 120; Taubert's Studies; Lorschorn, Opus 65; Bach, 2 part inventions; easy sonatas by Haydn, Mozart, Kullak and Clementi.

The advanced work comprises the study of Bertini, Op. 29; Heller, Op. 45; Cramer, 50 studies, or Clementi's Gradus; Kullak, octave studies; sonatas by Mozart, Beethoven; Mendelssohn's Songs without Words; Chopin's preludes, mazurkas, nocturnes, etc.; Heller's Art of Phrasing; Bach preludes and fugues; a few of the Chopin studies, and the more difficult sonatas of Beethoven; selections from Chopin, Mendelssohn, Weber, Schumann, Schubert and others.

Graduate Course.—The more difficult Chopin studies; Bach, organ preludes and fugues, arranged for piano; concertos, and the more difficult selections, Beethoven, Mendelssohn, Chopin, Rubenstein and Henselt.

Voice Culture.—In the department of vocal music, those methods which experience justifies as being at once effective and artistic in their results, have been adopted. It is the policy to secure a systematic and thorough culture on the basis of the best Italian methods. All students are expected to pursue a course of theoretical study to perfect themselves in sight-reading and in all essential and practical details of the art, which are sometimes neglected in behalf of superficial and showy features.

Forward, high-placing and deep resonance of tone, is

the true basis of voice work, special attention being paid to the breathing exercises.

The celebrated methods of Dellesedi, Shakespeare, and others are used; also Vocalisses, Concone, Sieber and Marchesi; songs by Lassen, Grieg, Bach, Gounod, Schubert, Mendelssohn, Wagner and others.

The Organ.—The course of study on this instrument will include Rinck's Organ School, Buck's Pedal Studies, Bach's Preludes and Fugues, Mendelssohn's Sonatas. Registration, and playing of church music will receive special attention. Students have access to a good harmonium with two manuals, run by electricity, in a heated room, for winter practice, and a pipe organ in summer.

The study of harmony, counter-point, etc., is obligatory on the part of those who receive certificates or diplomas. Certificates will be awarded at the close of the first and second years, and a diploma at the close of the third year, to pupils who pass the regular examinations in their respective classes.

Sight Reading.—Classes for those who wish to take up the work will be formed, and the cost will be nominal.

History of Music.—In the study of the history of music Mathew's Popular History of Music and Fillmore's Lessons in Musical History are used. Students also have access to all of the best and most complete works bearing on the study of the voice and piano.

Violin.—Instruction on the violin is given by Professor William Nelson, of St. Paul, one of the most competent teachers in the city.

Satisfactory provisions will be made for any who wish to take lessons on other string instruments.

Recitals in both vocal and instrumental music are given from time to time, in which all musical students

are required to participate. There is opportunity every season to hear three of the great oratorios rendered by the St. Paul Choral Club, 200 voices; also a course of symphony concerts by the St. Paul Symphony Orchestra. Students sufficiently advanced in music may become members of this club, or of the Schubert Club, on recommendation of Professor Phillips, on payment of a fee of three dollars. The past year quite a number of the music students have enjoyed the advantage of a membership in one or other of these clubs.

The cost of sheet music for a year is comparatively small, as reduced rates are given the students.

Students in music should set aside a certain sum each term for the purpose of hearing the best musical talent in vocal, piano, and orchestral concerts that comes to the city.

Music students are required to take studies in the College or Academy to the number of five hours a week without extra charge.

Music as an Elective.—Music, instrumental or vocal, may be taken as an elective in the junior and senior year, provided the student is sufficiently proficient to do advanced work. A minimum of not less than six hours a week must be devoted to the study and it will not be accepted for more than two periods or credits per week. The fitness of the student to take this elective will be determined by examination, and the expense of the instruction must be borne by the student.

Every student who intends graduating in vocal music must have at least one year of German.

Terms.—Piano Preparatory, per semester:

Two 30 minute lessons per week	$28.00
One 30 minute lesson per week	17.00
Piano advanced or pipe organ:	
Two 30 minute lessons per week	45.00

One 30 minute lesson per week	23.00
Vocal lessons:	
Two 20 minute lessons per week	45.00
One 20 minute lesson per week	25.00
Rent of Piano for practice, per semester:	
One hour per day	3.50
Two hours per day	7.00
Three or more hours per day	10.00
Incidental fee, per semester	5.00

CLASSICAL ACADEMY.

The Academy.

FACULTY.

EDWARD C. DOWNING, PH. D., PRINCIPAL.
Latin.

DAVID NEWTON KINGERY, A. M.
Zoology and Physiology.

JULIA M. JOHNSON, A. M.
English.

REV. HENRY D. FUNK, A. M.
German and History.

RICHARD U. JONES, A. B.
Mathematics.

REV. A. CARDLE, A. B.
Bible.

LOU G. FINDLEY, PH. M.
English and History.

JOHN PORTER HALL, A. B.
Greek.

HUGH S. ALEXANDER, A. M.
Physics and Botany.

MRS. H. E. PHILLIPS.
Music.

GERTRUDE CRIST.
Commercial Branches.

ROSE A. METZGER.
RUTH A. SHERRILL.
Assistants in Latin.

LYDIA A. SCHROEDEL.
Assistant in German.

ALVA V. A. PETERSON.
Commercial Law.

Admission and Courses.

The purpose of the Academy is to prepare thoroughly for the standard courses in any college, and to provide a good general education for those who cannot continue their studies further.

The languages of the Ancient Classical Course are Latin and Greek; of the Modern Classical, Latin and German. The Scientific substitutes science for the English and history of the junior year and the Latin of the senior year.

Besides the above, a course including **Commercial Studies** is offered. In this course, commercial studies, such as commercial arithmetic and geography, commercial law, business correspondence, stenography and typewriting, etc., are substituted for the Latin and German of the Scientific.

Requirements for Entrance. All applicants for admission to the first year class are examined in orthography, elementary English and arithmetic (through proportion), descriptive geography, and United States history. Applicants for admission to higher classes will, in addition to the above, be examined in the studies of the classes below that for which they apply. Certificates are accepted in lieu of examinations in so far as they represent equivalents in time and in work of studies prescribed in the academic courses.

Students should bring with them certificates of standing and grades in schools from which they may come, stating the text-books used and the amount of time spent upon each study.

SYNOPSIS OF ACADEMIC COURSES OF STUDY.

FIRST YEAR.	1st Sem.	2nd Sem.	SECOND YEAR.	1st Sem.	2nd Sem.
Bible,	*(1)	(1)	Bible,	(1)	(1)
Eng. Comp.,	(4)	(4)	Rhetoric,	(4)	(4)
Latin,	(5)	(5)	Latin,	(5)	(5)
Eng. Hist.,	(4)	..	Rom. Hist.,	(3)	...
Greek Hist.,	...	(4)	Civics,	...	(3)
Phys. Geog.,	(3)	(3)	Algebra,	(4)	(4)

JUNIOR YEAR.

	FIRST SEMESTER.		SECOND SEMESTER.	
	Class.	Sci.	Class.	Sci.
Bible,	(1)	(1)	(1)	(1)
English,	(2)	...	(2)	...
Med. and Mod. Hist.,	(2)	..	(2)	...
Latin,	(4)	(4)	(4)	(4)
Greek	(5)	...	(5)	...
or				
German,	(5)	(5)	(5)	(5)
Mathematics,	(4)	(4)	(4)	(4)
Biology,	...	(4)	...	(4)

SENIOR YEAR.

	FIRST SEMESTER.		SECOND SEMESTER.	
	Class.	Sci.	Class.	Sci.
Bible,	(1)	(1)	(1)	(1)
Eng. Lit.,	(2)	(2)	(2)	(2)
Latin,	(4)	..	(4)	...
Mathematics,	(4)	(4)	(3)	(3)
Greek	(5)	. .	(5)	...
or				
German,	(5)	(5)	(5)	(5)
Physics,	(3)	(3)	(3)	(3)
Zoology,	...	(4)	...	(4)

* Figures refer to the number of hours a week for each subject.

Particular Description.

ENGLISH.

The academic course in English prepares for college entrance and at the same time offers a course somewhat complete in itself.

First Year. The first year is devoted to the study of composition, including punctuation, capitalization, etc., along with a review of English grammar. One year, four hours a week.

Second Year. In the second year the text used is Herrick and Damon's Rhetoric. Special emphasis is placed upon the study of words, figures of speech, elements of sentence and paragraph structure. Models from the required list of authors are studied. As a means of gaining facility, precision and force of expression, students are required to prepare one or more short themes weekly. One year, four hours a week.

Junior Year. During this year composition is continued, with analysis of masterpieces in the uniform admission requirements. Training in discussion and debate. One year, two hours a week.

Senior Year. In the senior year Painter's Introduction to English Literature is the text-book. Subjects for composition are taken from the required reading. Much attention is paid to the application of sound principles of criticism to the literature read. One year, two hours a week, first semester; three, the second.

For the literature to be read before entering the freshman class, see English required for entrance.

Throughout the course constant attention is given to pronunciation, recitation, and colloquial English in order to attain, if possible, facility in the use of a cosmopolitan diction.

LATIN.

Latin is a required study in each of the academic courses. During the time devoted to this study the student is expected to acquire a large vocabulary, a wide knowledge of the rules of syntax, and the ability to convert English into the Latin idiom. These things furnish an indispensable basis for the work pursued in the college classes. Special attention is given to the forms and structure of the language, which are studied by severe methods of both analysis and synthesis. The grammar is thoroughly studied, and the memory is helped by a rational explanation of forms.

Latin Lessons. The first year is spent in the study of the declensions and conjugations, syntax and vocabulary, in making translations daily to and from the Latin, and in conversation. Five hours a week.

Caesar and Composition. The second year is devoted to careful and thorough study of Caesar and composition. Five hours a week.

Cicero and Composition. The junior year is devoted to Cicero, composition, and a more thorough study of the grammar. Four hours a week.

Virgil. The senior year is devoted to Virgil. The Aeneid is studied both textually and as literature. Four hours a week.

GREEK.

Greek is a required study alternative to German in the classical courses.

1. **Lessons.** The aim of the first year's study of Greek is to master the elements, six hundred to eight hundred carefully selected Greek words, and two or more chapters of the Anabasis. The method followed, after the more important paradigms are mastered, is in the main inductive. Five hours a week.

2. **Anabasis and Composition.** In this year an effort is made to read thoroughly four books of the Anabasis. The reading is accompanied with prose exercises and sight-reading in the fifth and sixth books. Special effort is made to master a large vocabulary. Five hours a week.

GERMAN.

German is a required study in the classical courses unless Greek is chosen.

First Year.—(a) Grammar, Spahnhoofd, (b) Glueck Auf. First semester, five hours a week.

(a) Grammar continued, (b) short stories, sight reading. Second semester, five hours a week.

Second Year.—(a) Easy German Stories, Allen & Batt, (b) Grimm's Maerchen, (c) Stern's Geschichten vom Rhein. First semester, five hours a week.

(a) Storm's Immensee, (b) Hermann und Dorothea, (c) Wilhelm Tell, (d) Stein's German exercises. Second semester, five hours a week.

MATHEMATICS.

The course in mathematics includes arithmetic, algebra, geometry.

Arithmetic is offered to students in the commercial course throughout the first year, and is open to any others who may need the review. Great familiarity with the elementary principles is required, and abundant practice in the solution of problems is given; also in business methods and customs. One year, four hours a week.

Elementary Algebra is taken up at the beginning of the second year and is continued throughout the year, reciting four times a week. The aim is to ground the

student thoroughly in the fundamental operations of algebra which lies at the basis of the mathematical course.

Advanced Algebra. The work of the junior year in algebra carries the student through quadratic equations.

Geometry is begun in the second semester of the junior year and continued through the senior year. Students are required not only to master the text-book, but also to solve numerous original problems and theorems. Four hours a week.

SCIENCE.

The academic or preparatory course in science covers in all, four years' work. It is distributed as follows:

Required of all regular students:

Physical Geography. First year throughout, three hours a week.

Physics. Senior year throughout, six hours a week.

Required of students taking the scientific course:

Physiology. First semester, junior year, four hours a week.

Botany. Second semester, junior year, four hours a week.

Zoology. Senior year throughout, four hours a week.

Chemistry. In place of zoology a year of chemistry may be taken.

Students of these branches have access to the apparatus and laboratories of the collegiate department.

It is expected that during the coming year substantial additions will be made to the physical and biological laboratories, and everything possible will be done to keep the department of science abreast of the times.

HISTORY AND CIVICS.

History. The aim of this department is the acquisition by the student of such historical and political knowledge as will be a necessary element in general culture and a solid foundation for further studies in history and government. The method of teaching employed is that of the text-book with assigned topics for investigation. The course laid out falls under five heads as follows:

English History. First year, first semester, four hours a week.

Greek History. First year, second semester, four hours a week.

Roman History. Second year, first semester, three hours a week.

Civics. An elementary study of the different branches of government, local, state and national in this country. Second year, second semester, three hours a week.

Medieval and Modern History. Junior year throughout, two hours a week.

With a view of deepening the interest in these subjects, it is proposed to give a course of illustrated lectures on Greek and Roman art.

BIBLE.

Bible is required one hour a week in each of the four years. The aim is to familiarize the students with the main facts of biblical history. The Bible is so vitally related to human progress and welfare that it justly claims a place in any course of liberal training.

Commercial Course.

FIRST YEAR.

English Composition, 4.
Commercial Arithmetic, 4.
Civics (2nd Sem.) 3.
Commercial Spelling (1st Sem.) 4.
Physical Geography, 3.
Penmanship, 4.
Bible, 1.

SECOND YEAR.

Commercial Geography, 3.
Bookkeeping, 5.
Rhetoric, 4.
Commercial Law, 2.
Penmanship, 4.
Bible, 1.

THIRD YEAR.

Shorthand, 5.
Typewriting, 5.
Business Correspondence, 2.
Junior (Acad.) English, 2.
English History (1st Sem.) 3.
Modern History, 3.
Bible, 1.

On the satisfactory completion of this course a diploma will be given. For this a charge of $2.50 is made.

Students who have already completed some of the above studies may elect a course covering one year, on completion of which a certificate will be given attesting the work done.

Course of Study.

Graham's Standard Phonography is the system taught. There are other systems easier to learn, but, so far as demonstrated, there is no system that outranks it in speed, legibility and all-round utility. This system is used by more than fifty per cent. of all court reporters in the United States. We do not aim to compete with the "short term" schools, for the average student requires from six to twelve months to reach a speed of one hundred to one hundred and twenty-five

words a minute in shorthand, new matter, and from thirty-five to forty words a minute on the typewriter on matter transcribed from notes.

The fees are the same as in the Academy. See page 77.

Students who are pursuing collegiate or academic courses may take the shorthand without extra charge if this can be done without prejudice to their class standing.

Students may enter bookkeeping at any time in the year and the progress depends entirely upon their ability and the time devoted to the study.

Expenses.

The students' fees are paid as follows:

College—At the fall opening	Tuition,	$16.00
	Incidental fee,	6.00
" At the beginning of the Second Semester	Tuition,	16.00
	Incidental fee,	6.00
Academy—At the fall opening	Tuition,	13.00
	Incidental fee,	4.50
" At the beginning of the Second Semester	Tuition,	13.00
	Incidental fee,	4.50

The incidental fee is charged to meet the expense of fuel and repairs, except that $1.50 of every incidental fee is devoted to athletic purposes and $1.00 for library and reading room.

Edwards Hall (for young men)—Board, per week, average	$2.35 to 2.50
Room rent, per week	.35
Light and heat, per week, estimated	.25
Eutrophian Club (for young men)—Board, per week	$2.40 to 2.60

A monthly rental is charged for use of dining room and kitchen.

Women's Dormitory—Board, per week..... 3.50
Room rent, per week, including light and heat, two in a room, each.....$1.00 to 1.50
Plain washing, dozen pieces per week... .25
Men's Dormitory—Room rent, with light and steam heat (inner rooms), two in a room, each ..... .75
Corner rooms, two in a room, each..... 1.00

Students rooming in the Men's Dormitory board at Eutrophian, in private families or in Edwards Hall.

Private Families.—Board, per week.....$3.50 to 4.00
Room rent, per week..... .75 to 1.00

Students boarding themselves may reduce the cost somewhat.

Extra Charges—

Laboratory.
Physics, Academy, per semester.....$1.00
Physics, College, per semester 2.50
Chemistry, per semester 5.00
Biology, per semester..... 1.50
Breakage of apparatus.....Actual Cost
Shop work, per semester..... 2.50
College Diploma $5.00
Academic Diploma 2.50

Each student in the Dormitory or in Edwards Hall is required to deposit $2.00 as a guarantee against damage to college property, and to make it up to that amount at the opening of each semester thereafter. From this fund will be deducted (1) charges for damage for which he is personally responsible; (2) charges (pro rata) for damage done in dormitory or hall by unknown hands. The surplus, if any, is refunded to the students at the end of the year, or when they leave the institution.

Payment of Fees: Tuition and incidental fees must be paid in advance in two instalments. See page 77.

No deductions are made except for sickness lasting a month or more.

Refunding Tuition: If a student leaves the institution at any time after entrance without the approval of the faculty or because he has been suspended or dismissed no money will be refunded.

Half Rates: Sons and daughters of ministers are charged but half the usual rates of tuition. This concession is not limited to Presbyterian ministers.

All candidates for the ministry, of whatever church or denomination, receive tuition at half rates, upon the following conditions:

(1) Candidates for the Presbyterian ministry shall be under the care of Presbyteries, and shall present to the treasurer certifications to this fact from the clerks of the Presbyteries.

Candidates for the ministry of other denominations shall have their purpose to enter the ministry properly certified to by the proper ecclesiastical authorities.

(2) All such students will be held in honor bound to refund to the college treasury the amount of tuition received in the event of their abandoning their purpose to enter the ministry.

(3) Reduced tuition shall not be provided for any candidate for the ministry who indulges in the use of tobacco.

N. B.—The above concession, though made at a great sacrifice to the college, is offered cheerfully and with the purpose of enhancing, as far as possible, the usefulness of the college.

It is, however, justly expected of those who are thus helped that they will be faithful in promoting, as far as in their power, the welfare of the institution; and that they will complete their course of study at this institution.

Special Discount: Where more than one person

from the same family attend college at the same time a discount of twenty-five per cent. will be allowed on the tuition of each person after the first. This rule does not apply to those receiving half tuition.

High School Scholarships: To the person graduating with first honor in any high school, the Board of Trustees will give a scholarship which entitles the holder thereof to free tuition for the ensuing year. To the one graduating with second honor, a half scholarship will be given, which entitles the holder to half tuition for the same time.

The same scholarships are offered those who are graduated from the Academy with first and second honors. This year these scholarships were awarded to Miss Sarah MacKnight, of St. Paul, and Wm. A. Horne.

ROOMS.

(1) Furniture: All rooms are furnished with bedsteads (two-thirds size), mattresses, commode, bowl and pitcher, study-table, book-shelves and three chairs. Students in the Dormitories or Edwards Hall must provide their own bed clothing, towels, napkins, and (if they want them) carpets or rugs.

(2) Application: Application for room in the Men's Dormitory, Women's Dormitory or Edwards Hall, should be made as early as convenient to the Registrar, enclosing $1.00, which will be applied on room rent. Applicants should state in which hall they desire a room. Rooms will not be held later than the opening of the term unless the room rent is advanced for the period of delay. In case applicants fail to come, the money advanced will not be returned. Rooms will be assigned in the order of application.

(3) Payment of Room Rent: Room rent in the Men's Dormitory and Edwards Hall is payable monthly

in advance. Room rent and board in the Women's Dormitory are payable monthly in advance.

No room rent is charged for the winter or spring vacations unless the rooms are occupied. But, except during these vacations, students are charged for their rooms till they are formally vacated, whether continuously occupied or not.

SUMMARY OF EXPENSES.

The net expenses for the year, including washing (reckoned at $18.00), are estimated approximately as follows:

College ..... $200 to $250
Academy ..... 190 to 225

For those who receive tuition at half rates the above expenses are reduced about $15.00.

The above does not include books, traveling expenses, and pin money.

It is the policy of the College to keep down the expenses of the students to the lowest point consistent with healthful living, good taste and reasonable comfort.

TO PARENTS.

Parents are earnestly requested (1) to note the rule of the Board requiring the payment of tuition in advance; (2) to examine carefully the reports of standing sent out at the close of each semester (half semester in the case of students of the Academy); (3) to furnish their sons and daughters with but little more money than is needed to meet the necessary expenses as stated above.

Students found to be spending money too freely will not be retained in the institution.

Parents and friends of the students are cordially invited to visit the College, when in either city, attend the classes and observe for themselves how the institution is conducted.

MACALESTER PARK AS A PLACE OF RESIDENCE.

Macalester Park is one of the pleasantest suburbs in St. Paul. It has excellent street car service; gas mains, sewers and water mains are laid in the more important streets. St. Paul is one of the most healthful cities in America, and enjoys the advantage of a bountiful supply of pure water drawn from spring-fed lakes.

Macalester Park is now connected with Minneapolis by a new and more direct street car line by way of Marshall avenue, St. Paul, and Lake street, Minneapolis.

Parents who contemplate moving to the vicinity of some seat of learning for the education of their children, are urged to consider the advantages of Macalester Park as a place of residence.

There is an excellent ward school in the neighborhood, and the local church heartily welcomes to its services all the residents of the Park.

Real estate in the Park is still very low—much lower in fact than in the larger towns and county seats of the state. Investments carefully made here could not fail to be very remunerative. Residence property can be bought at a very reasonable price.

SKATING RINK.

College.

Senior Class.

William Harvey Amos ..... St. Paul, Minn.
James Albert Caldwell ..... Minneapolis, Minn.
Robert William Davies ..... Minneapolis, Minn.
Josephine Elmer ..... St. Paul, Minn.
Marshall Gregory Findley ..... Spicer, Minn.
Richard David Hughes .... Columbus Junction, Iowa.
Martha Antoinette Jacobson ..... St. Paul, Minn.
Henrietta Cecelia Lundstrom..... St. Paul, Minn.
Rhoda Catharine MacKenzie..... Winnipeg, Man.
David McMartin ..... Claremont, Minn.
Rose Amelia Metzger ..... St. Paul, Minn.
Richard Samuel Nutt..... Bonner's Ferry, Ida.
Ole Johnsen Oie ..... Minneapolis, Minn.
Mary Pauline Payne ..... St. Paul, Minn.
William Fred Pottsmith ..... St. Paul, Minn.
Minerva Schlichting ..... Gladstone, Minn.
Ruth Adelia Sherrill ..... Minneapolis, Minn.
George Hill Smith ..... St. Paul, Minn.
Mary Helen Smith ..... Alpha, Minn.

Junior Class.

Hanna Sophia Berg ..... Rush City, Minn.
Ralph Brinks..... Princeton, Minn.
Richard Stanley Brown ..... Tyner, N. D.
Edith Frederica Cale ..... Worthington, Minn.
Clifford Clement Cornwell ..... St. Paul, Minn.
Evan Milton Evans ..... Le Sueur, Minn.
Rosella Evans ..... Le Sueur, Minn.
James Todd Guy ..... St. Paul, Minn.
Margaret Elizabeth Guy ..... Austin, Minn.
Lucy MaBelle Hyslop ..... Chester, Minn.
Nina Foy Johnson ..... Fairmont, Minn.
Margaret Edith Lakey ..... Buffalo, N. D.
Peter McEwen ..... Cavalier, N. D.

Sarah Grace McMartin .....Claremont, Minn.
Carmen Beatrice Mahlum .....Brainerd, Minn.
Luke Edward Marvin .....Duluth, Minn.
Martha Bessy Olson .....Battle Lake, Minn.
Stanley Hall Roberts .....Minneapolis, Minn.
Lydia Anna Schroedel .....St. Paul, Minn.
Clarence Mason Stearns .....Jasper, Minn.
Warren George Stearns .....Jasper, Minn.
Robert Sinclair Wallace .....St. Paul, Minn.

Sophomore Class.

George Samuel Barclay Acheson .....Lewiston, Ill.
George Kemp Aiken .....Sandstone, Minn.
Emma Bertelle Barker .....Slayton, Minn.
Henry William Ernst .....St. Paul, Minn.
Walter Mell Hobart.....Minneapolis, Minn.
David Roy Jones .....Ottawa, Minn.
Ethel Bertha Jones .....St. Paul, Minn.
Hazel Caroline Jones .....St. Paul, Minn.
Margaret May Kennedy .....Dickinson, N. D.
Evert Rosenkranz Lanterman .....Mandan, N. D.
John MacDonald .....Crystal, N. D.
Albert Victor Alnfield Peterson....Minneapolis, Minn.
Mabel Elira Phillips .....Minneapolis, Minn.
Elizabeth Libby Staples .....St. Paul, Minn.

Freshman Class.

William Jefferson Bell .....Fergus Falls, Minn.
Joseph Vaclav Beran .....Hudson, Wis
Charles Taylor Burnley .....Hudson, Wis
Edward Graham Campbell ...Blooming Prairie, Minn
Edward John Carson .....Le Sueur, Minn
Josie Evalyn Chaney.....Dallas Center, Iowa
Albert Daniel Davies .....Minneapolis, Minn
Katie Doig .....Claremont, Minn
Ruth Minerva von Dorn .....St. Paul, Minn
John Andrew Evert .....St. Paul, Minn

June Rose Evert ..... St. Paul, Minn.
Wilbur Mills Fisk..... Pipestone, Minn.
Albert Howard Gammons ..... St. Paul, Minn.
Jesse Willis Hamblin ..... Duluth, Minn.
Mary Havreberg ..... Jackson, Minn.
Helen Mary Hunt ..... St. Paul, Minn.
Frank LeCocq ..... Harrison, S. D.
Ralph Brinks LeCocq ..... Harrison, S. D.
Floretta Southwell McAllister ..... Slayton, Minn.
John Archibald McEwen ..... Cavalier, N. D.
Harry Frank Markus ..... Harrison, S. D.
Pearl Alma Nash ..... Pipestone, Minn.
Mildred Gretchen Phillips ..... St. Paul, Minn.
Minnie Mae Pierson ..... Minnewaukan, N. D.
Fidelia Auten Pine ..... St. Paul, Minn.
Lulu Lane Piper ..... Berwyn, Ill.
Hugh Williamson Reynolds ..... Chatfield, Minn.
William Alonzo Sandon ..... Jackson, Minn.
Gladys Isabelle Roberts..... Minneapolis, Minn.
Jeannette Paulina Sawyer ..... St. Paul, Minn.
Frederick Samuel Shimian ..... Superior, Wis.
Elmer Stuart Smith ..... Lisbon, N. D.
Elsie Roberta Sternberg ..... Valley City, N. D.
Anna Elizabeth Taylor ..... Austin, Minn.
Norman Kendall Tully ..... Grand Rapids, Minn.
Ivan Richard Valgamore ..... Jackson, Minn.
Dora Wick ..... Jackson, Minn.
June Adelia Woodward ..... Granite Falls, Minn.

Special Students.

Edmund Sheldon Adams ..... Luverne, Minn.
Henrietta Johanna Lund ..... Luck, Wis.
Peter MacFarlane ..... Northcote, Minn.
Robert Roy Otis ..... St. Paul, Minn.
Elsie Raymond ..... St. Paul, Minn.
Samuel Earl Sandon..... Jackson, Minn.

Minnie Mae Belle Tullar.....Warren, Minn.
Adelaide Wadsworth Payne .....St. Paul, Minn.

Music Students.

Jeanette Craig,.....St. Paul, Minn.
Thomas Crocker,.....Minneapolis, Minn.
Anna M. Dickson, ...St. Paul, Minn.
Rosella Evans,.....LeSueur, Minn.
Ethel Erkenbrak, ...Parker's Prairie, Minn.
Millard A. Freeman,.....Lovington, Ill.
Grace I. Gray,.....St. Paul, Minn.
Gyda Hansen,.....St. Paul, Minn.
Helen M. Hunt,.....St. Paul, Minn.
Nina F. Johnson, ...Fairmont, Minn.
R. U. Jones,.....St. Paul, Minn.
Bernardine Lufkin,.....St. Paul, Minn.
Ralph LeCocq,.....Harrison, S. D.
Grace McMartin,.....Claremont, Minn.
Carmen B. Mahlum,.....Brainerd, Minn.
Gladys Neff,.....Neillsville, Wis.
Clara Odenwald,.....Jordan, Minn.
Katherine Phillips,.....St. Paul, Minn.
Isabelle Reynolds, ...Minneapolis, Minn.
Elsie Raymond,.....Minneapolis, Minn.
Minnie M. Tullar,.....Warren, Minn.
Elizabeth Taylor,.....Austin, Minn.

Academy.

Senior Class.

Alma Rebecca Brown .....Eden Prairie, Minn.
Mary Esther Campbell .....St. Paul, Minn.
Mae Pauline Chesnut .....Minneapolis, Minn.
Evan Wynne Davies .....Minneapolis, Minn.

Lane Caruthers Findley .....Spicer, Minn.
Ruth Heller .....St. Paul, Minn.
Harold William Hicks .....Thief River Falls, Minn.
William Andrew Horne .....Hallock, Minn.
Blanche Irene Howard.....St. Paul, Minn.
Ernest Wilbert Johnson .....Hyde Park, N. D.
John Reece McGee .....St. Paul, Minn.
Sarah Elizabeth MacKnight .....St. Paul, Minn.
Roy Elgie Metcalf .....St. Paul, Minn.
William Earl Noyes .....Le Sueur, Minn.
George Alfred Rogers .....White Lake, S. D.

Junior Class.

Frances Henrietta Abbetmeyer .....St. Paul, Minn.
Thusnelda Mathilda Abbetmeyer .....St. Paul, Minn.
Marguerite Camille Barnes .....Minneapolis, Minn.
Grace Stewart Barwise .....St. Paul, Minn.
Addie Bell Brown .....Eden Prairie, Minn.
James Harry Canning .....Hendrum, Minn.
Thomas Crocker .....Minneapolis, Minn.
Ellice Churchill von Dorn .....St. Paul, Minn.
Frederick William Funk.....Alexandria, Neb.
Susan Marion Gillard .....St. Paul, Minn.
Grace Agnes Gray .....St. Paul, Minn.
Hester Belle Hugunin .....St. Paul, Minn.
Dottie Lulu Jones .....St. Paul, Minn.
Inez Florence Little .....St. Paul, Minn.
Elmer Shepard McCourt .....St. Paul, Minn.
Robert Shepard McCourt .....St. Paul, Minn.
Paul William McGeary .....St. Paul, Minn.
Rhea Le Pierre Rocheleau.....Lakeville, Minn.
David Wilson .....Port Elgin, Ont.
Ralph Calvin Wilson .....Maine, Minn.

Second Year Class.

Alcinda Auten .....St. Paul, Minn.
George Oliver Chase .....Florence, Neb.

Eleanor Meta Cox .....St. Paul, Minn.
Harry Higgins Craighead.....St. Paul, Minn.
Archie Earl Dean .....Clifford, N. D.
Magnus Falck .....St. Paul, Minn.
Charles Knight Elmer .....St. Paul, Minn.
Helen Lucretia Hughes .....St. Paul, Minn.
Marjorie Oram Leach .....St. Paul, Minn.
Jennie Elizabeth Lewis .....St. Paul, Minn.
Esther Auten Pine .....St. Paul, Minn.
Walter Victor Rasmussen .....St. Paul, Minn.
Helen Shepardson .....St. Paul, Minn.
Wells Marion Stanley .....Huntsville, Ala.
Herbert Deachman Stewart .....Galesburg, N. D.
John Van Swearingen, Jr. .....Hookstown, Pa.

First Year Class.

Wallace Jay Anderson .....Eden Prairie, Minn.
Marion Azella Backus .....Minneapolis, Minn.
George Clement Birch .....St. Paul, Minn.
Arthur G. Brown .....Eden Prairie, Minn.
Mabel Fannie Brown .....Eden Prairie, Minn.
Samuel Philip Brown .....St. Paul, Minn.
Truman Dean Brown .....Eden Prairie, Minn.
Philip Davison .....St. Paul, Minn.
Helen Marie Dixon .....St. Paul, Minn.
Lloyd Gilmore .....Hope, N. D.
Margaret McGregor Doty .....St. Paul, Minn.
Robert Williams Garland .....St. Paul, Minn.
Paul Hazen Geer .....St. Paul, Minn.
Raymond Worth Gerrety .....St. Paul, Minn.
James Singleton Hall .....Minneapolis, Minn.
May Hazel Heathcote .....Watkins, Minn.
Eugene Andrew McCornack .....St. Paul, Minn.
Robert Lee McCornack .....St. Paul, Minn.
Helen Adams MacKeen .....Minneapolis, Minn.
Cyrus Alexander Montgomery .....St. Paul, Minn.
Spencer Montgomery .....St. Paul, Minn.

Lily Blanche Mowat .....St. Paul, Minn.
Mildred Carolina Neuenschwander ....St. Paul, Minn.
Claribel Perry .....St. Paul, Minn.
Graham Walls Scott .....Austin, Minn.
Gertrude Gray Smith .....St. Paul, Minn.
Blanche Almyra White .....St. Paul, Minn.
Ada Helen Wilcox .....Hope, N. D.
Jessie Rose Wilcox .....Hope, N. D.

Commercial Students.

Clarence Evert Archer .....White Lake, S. D.
Miner McCall Baltuff .....Minneapolis, Minn.
George Bolles Campbell .....St. Paul, Minn.
Mark H. Carey .....Blue Earth, Minn.
Floyd Edward Carnes .....Jackson, Minn.
Stewart Morton Dearborn .....St. Paul, Minn.
Charles E. Ehlers .....Watkins, Minn.
Ralph Edwin Foster .....Minneapolis, Minn.
Addington W. Gerber .....Minneapolis, Minn.
Frank Martin Turner .....Blue Earth, Minn.

Special Students.

William Allen .....St. Paul, Minn.
Marjorie DuShane .....St. Paul, Minn.
Ethel Rose Erkenbrak .....Parkers Prairie, Minn.
Millard Albert Freeman,.....Lovington, Ill.
Edward Calvin Glenn,.....Eden Prairie, Minn.
Esther Roth Goodman,.....St. Paul, Minn.
Lyla Marie Harrison,.....St. Paul, Minn.
Gladys Leasure .....St. Paul, Minn.
Mrs. Harold F. Lee .....St. Paul, Minn.
Lewis Philip Lezie .....Argyle, Minn.
Fred John Metcalf .....St. Paul, Minn.
Paul Taylor Montgomery.....St. Paul, Minn.
Gladys Adele Neff,.....Neillsville, Wis.
Wycliffe Mattram Smith.....Minneapolis, Minn.
Minnie Mae Belle Tullar,.....Warren, Minn.

REGISTER OF ALUMNI
OF
MACALESTER COLLEGE.

The Alumni organized themselves into an Association in June, 1894. This Association holds its annual meeting and banquet at 6 p. m., on Wednesday evening of commencement day. This meeting has become an interesting and important part of the exercises connected with commencement. The purpose of the Association is to cultivate *esprit de corps*, and to do all in its power to promote the interests of the College.

The officers of the Association are:

W. P. Kirkwood, Pres..... Minneapolis, Minn.

Prof. H. D. Funk, Sec. and Treas.....
Macalester Park, St. Paul, Minn.

The College desires to put the catalogue and other important publications concerning its work into the hands of all its graduates and former students, and will be thankful if all changes of address are promptly reported to the president. The College will also be glad to receive any information relative to its students and alumni.

Roll of Alumni.

Class of 1889.

George Washington Achard.....
Business, Minneapolis, Minn.
Jos. Wilson Cochran.....Minister, Philadelphia
Ulysses Grant Evans.....Minister, Derby, Iowa.
James Chase Hambleton.....Teacher, Columbus, Ohio
Benjamin Wallace Irvin.....Deceased
Samuel M. Kirkwood.....Surgeon, St. Paul, Minn.
Wm. Porter Lee.....Minister, Germantown, Pa.
Paul Erskine McCurdy....Business, Philadelphia, Pa.
Louis Ferdinand Slagle.....Deceased
Charles Albert Winter.....Business, New York City

Class of 1890.

Myron A. Clark..Sec. Y. M. C. A., Rio Janeiro, Brazil
Thaddeus T. Cresswell.....Minister, Pomona, Cal.
John Knox Hall.....Missionary, Trinidad, Col.
William Henry Humphrey.....Deceased
William Paul Kirkwood..Editor, Minneapolis Journal
Amos Avery Randall.....Minister, Princeville, Ill.
Judson L. Underwood.....Miss'y, Ponce, Porto Rico

Class of 1891.

Frank Brown.....Wilmette, Ill.
Walter F. Finch.....Minister, Villard, Minn.
Walfred Sunberg .....Deceased
William B. Turner.....Business, Boston, Mass.
Thomas C. Williamson.....Business, Greenwood, S. D.

Class of 1893.

James Carlisle Simonton.....Business, St. Paul, Minn.
Joseph Zoll.....Address unknown.

Class of 1894.

Francis W. Beidler.....Minister, Del Norte, Colo.
Archibald Cardle.....Minister, St. Paul, Minn.

Paul A. Ewert.....Ass't to Att'y Gen., St. Paul, Minn.
George E. Johnson.....Business, Sayre, Okla.
Sam'l M. Marsh.....Minister, Amboy, Minn.
Wm. H. Sinclair.....Minister, Deep River, Iowa

Class of 1895.

Frank E. Balcome.....Physician, St. Paul, Minn.
John W. Christianson.....Minister, Castlewood, S. D.
Thomas Fitz-Morris Clark.....
Minister, St. Croix Falls, Wis.
Chas. D. Darling.....Minister, Red Wing, Minn.
Ed. Howard Gordon.....Lawyer, Langdon, N. D.
Harry Clinton Schuler.....Missionary, Resht, Persia
John Hansen Sellie.....Minister, Buffalo, Minn.
Nels Sunby, p. c.....Minister, Centennial, Wyoming
Arthur Whitney Vance.....
City Editor, Daily News, St. Paul, Minn.

Class of 1896.

Alexander Edward Cance.....Teacher, Sheocton, Wis.
M. M. Maxwell.....Minister, Royalton, Minn.
Samuel F. Sharp.....Minister, Alliston, Ontario,Can.

Class of 1897.

Albert Ernest Evans.....Minister, Russell, Minn.
Charles W. Hansen...Minister, Brown's Valley, Minn.
Ernest Charles Henke.....Minister, Weyanauga, Wis.
George Leck.....Deceased.
John McLearie.....
Professor, State School of Mines, Rapid City, S. D.
Winifred Moore-Mace.....Beresford, S. D.
Arthur A. Palmer.....Minister, Madelia, Minn.
Charles Petran....Missionary, Aguascalientas, Mexico
Louis B. Sherwin.....Minister, Florence, Wis.
William K. Sherwin.....Minister, Rolla, N. D.
Arthur G. Welbon.....Missionary, Seoul, Korea

Class of 1898.

Clarence Dwight Baker.....Deceased

Charles Warren Dade.....Minister, Rolla, N. D.
Anna Moore Dickson....Teacher, H. S., St. Paul, Minn.
Caspar Gregory Dickson.....
Clerk Nat. Lib'y, Washington
Nellie M. Flanders-Sherwin.....Rolla, N. D.
John M. Guise.....Supt. Lake Crystal, Minn.
Carlton Leslie Koons.....Minister, Baraboo, Wis.
Robert C. Mitchell.....Minister, Litchfield, Minn.
William James Mitchell....Minister, Brighton, Wash.
David Walter Morgan....Minister, Birmingham, Iowa

Class of 1899.

Hugh S. Alexander..Prof. Mac. College, St. Paul, Minn.
Walter Baker Augur.....Minister, Kerkhoven, Minn.
Charles Allen Clark.....Missionary, Seoul, Korea
Ralph Elmo Clark.....Minister, St. Peter, Minn.
Paul Doeltz.....Missionary, Iloilo, Philippine Islands
G. C. Edson..Minister, Amagansett, Long Island, N. Y.
Thomas George Jamieson.....Business, Calgary, Can.
Almira F. Lewis.....Teacher, Havre, Mont.
James Murray.....Minister, Asotin, Wash.
Samuel Merton Pinney.....
Supt. Schools, Shakopee, Minn.
Jacob Elmer Smits.....Business, Fairmont, Minn.
George Stanley..Minister, Rushford and Utica, Minn.
Murray Alberton Travis.....Minister, Morley, Ill.

Class of 1900.

John Calvin Abels.....Minister, Moscow, Idaho
Mills Strong Grimes.....Minister, Spencerport, N. Y.
Ralph Emerson Herron....Business, Rapid City, S. D.
John Robert Landsborough..Minister, Oregon City, Or.
Ernest A. Oldenburg..Minister, Dallas Center, Iowa.
Mathilde Pederson.....Business, Strum, Wis.
Irving David Roach.....Business, Azusa, Cal.
William James Sharp...Minister, Gen'l Sec'y, C. E. S.,
Portland, Ore.

Roy Walker Smits.....Supt. Schools, Kelso, Wash.
David A. Thompson..Minister, Selwood, Portland, Or.

Class of 1901.

Wm. Beckering.....Minister, Greenleafton, Minn.
Louis Benes .....Minister, Milwaukee, Wis.
Henry Roy Bitzing.....Lawyer, Mandan, N. D.
Percy Porter Brush.....
Univ. Law School, Minneapolis, Minn.
Charles Morrow Farney.....Business, St. Paul, Minn.
Henry D. Funk...Prof., Mac. College, St. Paul, Minn.
Nathaniel E. Hoy.....Winthrop, S. D.
Lewis Hughes.....Teacher, Tracy, Minn.
Richard U. Jones..Prof., Mac. College, St. Paul, Minn.
W. C. Laube.....Professor and Minister, Dubuque, Ia.
Millicent V. Mahlum.....Teacher, Brainerd, Minn.
William H. Travis...Minister, Pres., Palacios College, Palacios, Tex.
Lily Bell Watson.....Macomb, Ill.

Class of 1902.

Frederick Brown.....Minister, Oakland, Ind.
Robert L. Davidson.....Address unknown
Sarah A. Haines.....Moody's School, Chicago, Ill.
Grace Iddings.....Teacher, Minneapolis, Minn.
Leonard L. Mann.....Address unknown
Francis H. Newton.....Minister, Grandin, N. D.
Winifred R. Pringle-Weber.....Bayfield, Wis.
Edgar E. Sharp.....Lawyer, Moorhead, Minn.
Benjamin Bruce Wallace.....
Pembroke College, Oxford, Eng.
Helen Margaret Wallace-Davies..Grand Rapids, Minn.

Class of 1903.

John Morton Davies,...Minister, Grand Rapids, Minn
Bessie Shepard Doig.....Claremont, Minn

Julia Anita Elmer.....Teacher, St. Paul, Minn.
Peter Erickson.....Minister, Drayton, N. D.
Ebenezer Thomas Ferry .....
Theo. Student, Princeton, N. J.
Emma Inez Godward.....Teacher, Plainview, Minn.
Robert McMaster Hood....Student, San Anselmo, Cal.
Peter Westin Jacobson.....Minister, Ely, Minn.
Raymond Lewis Kilpatrick.....
Student, St. Paul, Minn.
Donald Norman MacRae....Minister, College of Winnipeg, Man.
Henry Morgan.....Reporter Press, St. Paul, Minn.
Joseph E. Rankin.....Minister, Eveleth, Minn.
Mary J. Rankin....Missionary Teacher, Ozone, Tenn.
Pitt Montgomery Walker.....Minister, Cal.
Max M. Wiles.....Minister, Chicago, Ill.
William H. Weber.....Business, Bayfield, Wis.

Class of 1904.

Grace Ivanore Chapin-Sharp.....Moorhead, Minn.
Mio Genevieve Clark.....Teacher, St. Cloud, Minn.
Peter Arthur Davies.....Theo. Student, Chicago, Ill.
Thomas Hunter Dickson.Med. Student, U. of M., Minn.
Margaret Evans Detweiler.....Miss'y, Quito, Ecuador
William Horatio Kendall...Theo. Student, Chicago, Ill.
Alfred Edward Koenig.....Teacher, Coquato, Minn.
William Oliver Rothney.....Minister, Winnipeg, Can.
Henry John Voskuil...Theo. Student, Princeton, N. J.
Tolbert Watson.....Medical Student, State University
Mabel Wicker.....Teacher, Hawley, Minn.

Class of 1905.

John Thomas Anderson...Theo. Student, Allegheny, Pa.
Earl Kenneth Bitzing.....Law Student, Mandan, N. D.
Eugene Erwin Bromley....Theo. Student, Chicago, Ill.
Isabelle Alice Elmer.....St. Paul, Minn.
Asa John Ferry.....Theo. Student, Princeton, N. J.

Thomas Edwin Flinn.....Med. Student, Chicago, Ill.
Ledru Otway Geib.....Teacher, Langdon, S. D.
Mary Carnahan Guy Shellman.....
Missionary, Pitsanuloke, Siam.
Marie Grace Jamieson.....Teacher, Scanlon, Minn.
Daniel Griffin Le Fever.....Teacher, Tyler, Minn.
James Albert Slack.....Theo. Student, Omaha, Neb.
Robert Owen Thomas.....Theo. Student, Chicago, Ill.
Jane Turnbull.....Teacher, Kerkhoven, Minn.

Class of 1906.

Levi H. Beeler.....Prin. H. S., Stillwater, Minn.
James Ekin Detweiler.....Student, Louisville, Ky.
James Hamilton.....Theo. Student, Omaha.
Roscoe Cliver Higbee.....Teacher, Big Falls, Minn.
Alexander Hood.....Winona, Idaho.
Paul H. Th. Rusterholz.....Teacher, Canton, S. D.
Ruth Estella Swasey Rusterholz.....Canton, S. D.
Gordon Graham Thompson....Med. Student, Chicago.
Frank Harvey Throop.....Theo. Student, Chicago.
Margaret Turnbull.....Teacher, MacIntosh, Minn.

ALUMNI OF THE SCHOOL OF MUSIC.

Class of 1900.

Mrs. Maud Taylor Hansen, piano.....
Brown's Valley, Minn.

Class of 1901.

Millicent Viola Mahlum, piano.....Brainerd, Minn.

Class of 1905.

Grace Taylor, voice.....
Mrs. W. H. Amos, piano.....St. Paul, Minn.

Class of 1906.

Carmen Mahlum, voice.....Brainerd, Minn.
Pearl Neeb, voice.....Lewiston, Minn.
Charrie Roberton, voice.....Rushford, Minn.
Mildred Gretchen Phillips, piano.....St. Paul, Minn.

4
1908

NUMBER 4

Macalester College Bulletin

UNIVERSITY OF ILLINOIS
PRESIDENT'S OFFICE

UNIVERSITY OF ILLINOIS
Catalogue Number
1907-08
PRESIDENT'S OFFICE.

April, 1908

CATALOGUE

OF

Macalester College

AND

UNIVERSITY OF ILLINOIS
PRESIDENT'S OFFICE

Classical Academy

1907-1908

SAINT PAUL, MINNESOTA

Entered April 29, 1905, at Saint Paul, Minn., as second class matter under act of congress July 16, 1894.

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PREFACE.

Macalester College is organized on the plan of the best eastern institutions of learning. It is governed by a self-perpetuating board of trustees, whose single purpose in its up-building is to promote Christian higher education. Most of the men who had to do with the founding and earlier history of the college were graduates of eastern colleges.

Rev. Edward D. Neill, D. D., the founder, and Rev. Daniel Rice, D. D., his able coadjutor, were graduates of Amherst College. Rev. Robert F. Sample, D. D., was a graduate of Princeton. Henry L. Moss was an honored alumnus of Hamilton College; Hon. Alexander Ramsey, of Lafayette College; Robert P. Lewis, of Washington and Jefferson College; Thomas Cochran, of the University of New York; Maj. B. F. Wright, of Union College; Rev. J. C. Whitney, of Oberlin College; Rev. David James Burrell, D. D., of Yale.

The purpose of these men was to build up in the Northwest an institution that would embody the best traditions of the institutions whence they had come. With Woolsey, some time president of Yale, they believed that in the best education the matter of first importance is character; second, culture; third, knowledge. This was the general conception of education they sought to realize in Macalester College.

The college was opened in 1885 and graduated its first class in 1889. From then until the present it has never lost sight of those early high ideals, never lowered its standard, never catered to the craze for numbers and noisy notoriety. Macalester College has always been a reputable, thoroughly standard college in fact as well as in name, not a normal school, nor a business school, nor a music school, nor all of these combined; but always and ever a college with the emphasis upon character, culture, and classics. This reputation brought it poverty during the nineties; but it also

brought it friends and trustees, men and women of large faith and many of them of large means, who paid off its debts and are now vigorously pressing toward a half million dollars for endowment and new buildings.

An era of achievement has begun.

During the twelve months ending February first, $125,000 were raised and expended. Wallace Hall was completed at a cost of $88,000. Permanent repairs to the amount of $50,000 were made. $2,000 were devoted to laboratory shop equipment and scientific apparatus. The campus has been beautified and library enlarged. Courses have been standardized and faculty increased in numbers and efficiency.

The future promises a like advancement. The $5,000 Science Hall will be started at once. The new gymnasium in Wallace Hall makes adequate physical culture for women possible. A physical director for field and gymnastic sports has been engaged for next September. Commencement day will witness a marked advancement in endowment.

Macalester College stands on a beautiful campus facing the famous Summit Avenue and midway between the Twin Cities of St. Paul and Minneapolis. It is at the gate-way of the great Northwest, stretching from the Mississippi River to the Pacific Ocean, a vast and fertile region in which Macalester College is the leading coeducational institution of the Presbyterian Church.

It welcomes to its halls all earnest young men and women who seek a higher education. The college desires to be as helpful as possible in aiding young people to solve the problems of their education, and accordingly the expenses are reduced to a minimum.

Students who are looking forward to law, medicine, theology, engineering or teaching can easily select studies from the courses and electives offered that will prepare admirably for the professional studies they have in view.

Parents and young people desiring further information than is contained in these pages are invited to address

President Macalester College, St. Paul, Minn.

College Calendar.

COLLEGE YEAR, 1908-1909.

May	16. Saturday,		Senior vacation begins.
May	30. Saturday,		Decoration Day.
June	5. Friday	(8:00 P. M.),	Commencement of the Academy.
June	7. Sunday	(10:30 A. M.),	Alumni Sermon.
June	7. Sunday	(8:00 P. M.),	Baccalaureate Sermon.
June	8. Monday	(8:00 P. M.),	Senior Class Evening.
June	9. Tuesday	(8:00 P. M.),	Annual Recital of the Music Department.
June	10. Wednesday	(9:00 A. M.),	Annual Meeting of the Board of Trustees.
June	10. Wednesday	(9:30 A. M.),	Eighteenth Annual Commencement.
June	10. Wednesday	(5:30 P. M.),	Alumni Banquet.
Sept.	14-16. Monday-Wednesday.		Registration Days.
Sept.	16. Wednesday	(10:30 A. M.),	First Semester begins.
Nov.	26-27. Thursday, Friday,		Thanksgiving recess.
Dec.	23. Wednesday,		Winter vacation begins.
1909.			
Jan.	5. Tuesday	(8:30 A. M.),	Session resumes.
Jan.	28. Thursday		Day of Prayer for Colleges.
Feb.	4. Thursday,		First Semester ends.
Feb.	9. Tuesday,		Second Semester begins.
Feb.	22. Monday,		Washington's Birthday.
June	9. Wednesday,		Second Semester ends.

Board of Trustees.

Officers of the Board.

THOS. SHAW,	President
R. A. KIRK,	Vice-President
B. H. SCHRIBER,	Secretary
C. E. MACKEAN,	Treasurer

Trustees.

T. MOREY HODGMAN, Pres. ex-officio	St. Paul, Minn.

TERMS EXPIRE JUNE, 1908.

THOMAS SHAW,	St. Paul, Minn.
A. D. THOMSON,	Duluth, Minn.
A. R. CHACE,	Marshall, Minn.
THOMAS B. JANNEY,	Minneapolis, Minn.
O. A. ROBERTSON,	St. Paul, Minn.

TERMS EXPIRE JUNE, 1909

REV. H. C. SWEARINGEN, D. D.	St. Paul, Minn.
R. A. KIRK,	St. Paul, Minn.
J. W. COOPER,	St. Paul, Minn.
REV. JOHN E. BUSHNELL, D. D.,	Minneapolis, Minn.
REV. A. B. MARSHALL, D. D.,	Minneapolis Minn.

TERMS EXPIRE JUNE, 1910.

B. H. SCHRIBER,	St. Paul, Minn.
R. C. JEFFERSON,	St. Paul, Minn.
REV. A. E. DRISCOLL,	Ashland, Wis.
GEORGE W. WISHARD,	Minneapolis, Minn
GEORGE D. DAYTON,	Minneapolis, Minn.

COMMITTEES OF THE BOARD.

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R. C. JEFFERSON.
J. W. COOPER.

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T. MOREY HODGMAN.
GEO. D. DAYTON.
A. B. MARSHALL.
R. C. JEFFERSON.
H. C. SWEARINGEN.
THOS. SHAW.
G. W. WISHARD.

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T. MOREY HODGMAN, ex-officio.
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Committee on Property.

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T. MOREY HODGMAN,
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B. H. SCHRIBER.

Finance Committee.

R. C. JEFFERSON.

R. A. KIRK,
T. M. HODGMAN,
T. B. JANNEY,
B. H. SCHRIBER.

Auditing Committee.

B. H. SCHRIBER,
G. W. WISHARD,
A. B. MARSHALL.

College Faculty.

THOMAS MOREY HODGMAN, A. M., LL. D., President, Mathematics.

A. B., 1884; A. M., 1890; LL. D., 1907, University of Rochester. Graduate student in mathematics in Chicago University and Cornell University. Associate Professor of Mathematics in University of Nebraska, 1884 to 1904. Professor of Inspection and Director of Summer Session, University of Nebraska, 1904-1907 Elected President Macalester College, February, 1907.

Residence, 456 Ashland Ave.

JAMES WALLACE, Ph. D., LL. D., Vice President, Professor of Greek Language and Literature.

A. B., 1874; A. M., 1877; Ph. D., 1887; LL. D., University of Wooster. Adjunct Professor of Greek and Principal of the Academy University of Wooster, 1876 to 1886. Student in Greece, 1875-1876 Greek Language and Literature, Macalester College, 1887—— President, Macalester College, 1894 to 1906. Leave of absence 1907-1908.

Residence, 1596 Summit Ave.

EDWARD COLLINS DOWNING, Ph. D., Professor of Latin Language and Literature and Principal of the Macalester Classical Academy.

A. B., University of Wooster 1885; A. M., 1888; Ph. D. 1903 Law Student 1885 to 1886. Principal of the Carthage (Mo.) Collegiate Institute, 1886 to 1888. Principal of the Toulon (Ill.) Classical Academy, 1888 to 1891. Latin Language and Literature, Macalester College, 1891——. Principal of the Macalester Classical Academy 1896——.

Residence, 1713 Lincoln Ave.

ANDREW WORK ANDERSON, A. M., Dean, Professor of Philosophy and Education.

A. B., University of Wooster 1889; A. M., 1892. Principal of Poland (O.) Academy, 1889 to 1891. Mental Science, Logic and Philosophy, Macalester College, 1891——.

Residence, Macalester College.

DAVID NEWTON KINGERY, A. M., Registrar. Professor of Mathematics and Astronomy.

A. B., Wabash College, 1893; A. M., 1899. Teacher of Mathematics and Science, Bluffton, (Ind.) High School. Mathematics and Astronomy, Macalester College, 1896——.

Residence, 196 Vernon Ave.

JULIA MacFARLANE JOHNSON, A. M., Dean of Women. Professor of English Literature and Old English.

Graduate of Mt. Holyoke, 1885. Student, University of Pennsylvania 1887 and 1888. Student, University of Cincinnati, 1889 and 1890. A. M., University of Minnesota, 1905. Professor of Latin Language and Literature in Coates College, 1890 to 1893. Graduate student, University of Minnesota, 1905——. English Literature and Old English, Macalester College, 1897——.

Residence, 1668 Princeton Ave.

REV. HENRY DANIEL FUNK, A. M.,
Professor of German Language and Literature. History.

Student Dubuque (Ia.) German Theological Seminary, 1891 to 1897. A. B., Macalester College, 1901. A. M., University of Minnesota, 1903. Harvard Summer School 1903. Graduate student, University of Minnesota 1904——. German Language and Literature, Macalester College, 1901——.

Residence, 29 Macalester Ave.

RICHARD U. JONES, A. B.,
Professor of Chemistry.

A. B., Macalester College, 1901. Student, University of Minnesota, 1901 to 1902. Instructor in Mathematics and Physics, Macalester Classical Academy, 1901 to 1903. Chemistry and Physics, Macalester College, 1903 to 1906. Chemistry, Macalester College, 1906——.

Residence, Macalester College.

HUGH STUART ALEXANDER, A. M.,
Professor of Physics.

A. B., Macalester College, 1899. A. M., University of Minnesota, 1905. Teacher of Physics and Chemistry, Cleveland High School, St. Paul, Minn., 1899 to 1906. Physics, Macalester College 1906——.

Residence, 1596 Summit Ave.

JOHN PORTER HALL, A. B.,
Professor of Greek.

A. B., Princeton University, 1897. Adj. Professor of Greek, Macalester College, 1897 to 1903. Instructor in Greek, Princeton University, 1903 to 1905. Greek, Macalester College, 1906——.

GEORGE WILLIAM DAVIS, Ph. D., D. D.,
Professor of Hebrew Language and Literature. Social and Political Science.

Graduate Victoria University, Manchester, England, 1882. Graduate Auburn Theological Seminary, N. Y., 1886. Graduate Student Yale University, Conn., 1888 to 1890. Ph. D. (Yale) 1891. Professor Macalester College, 1892 to 1899. D. D. Macalester College, 1901. Student College de France, Paris, 1899 to 1901. Pastor, 1901 to 1907. Professor Macalester College, 1907——.

Residence, 547 Ashland Ave.

FREDERIC G. AXTELL, A. M.,
Librarian.

A. B., 1888, A. M., 1891, Wesleyan University, Conn. Graduate student in long semester, 1901-02, University of Berlin. Graduate student in Summer Quarter, 1905, University of Chicago. Librarian Macalester College, 1903——.

Residence, 68 So. Snelling Avenue.

MARGARET KING MOORE, B. L.,
Associate Professor of Modern Languages and English. Preceptress of Wallace Hall.

B. L., Smith College, 1901. Instructor in German and French, Blackburn College, 1902 to 1905. Instructor in German and English Literature, Westminster College, Salt Lake City, 1905 to 1907. Instructor in English and Latin, Illinois State Normal University, Summer Term, 1906. Modern Languages and English, Macalester College, 1907——.

Residence, Wallace Hall.

GRACE B. WHITRIDGE,

Physical Director for Women. Instructor in Elocution and Dramatic Art. English.

Graduate of Boston School of Oratory, 1890. Post-Graduate Student of Boston School of Oratory, 1891. Student Harvard University, 1892. Graduate New York Academy of Dramatic Art, 1899. Student of Columbia University, 1901, 1902, 1904.
Residence, 654 Hague Ave.

REV. FARQUHAR DAVID McRAE, Ph. D.,

Instructor in Apologetics and History.

A. B., Park College, 1887. A. M., New York University, 1893. Ph. D., New York University, 1896. Graduate of the Union Theological Seminary, New York, 1890. Apologetics, Macalester College, 1907——.
Residence, 41 Macalester Avenue.

WILLIAM PAUL KIRKWOOD, A. B.

Instructor in Journalism.

A. B., 1890; Macalester College. Mathematic and Astronomy, Macalester College 1892-3. City Editor and literary editor, Minneapolis Journal, 1897—. Lecturer on Journalism 1907-1908 Macalester College. Instructor in Journalism Macalester College 1908.
Residence, 1625 Wesley St.

FRANKLIN WATERS PLUMMER.

Instructor in Biology. Physical Director for Men.

A. B., 1908, Wabash College.

GRACE E. DENNY.

Assistant Instructor in Elocution.

B. S., Columbia University 1906. Instructor Mrs. Chapman's School for Girls 1906-7. Assistant Instructor in Elocution, Macalester College 1907—.
Residence, 319 Pleasant Ave.

HARRY PHILLIPS,

Director School of Music. Instructor in Voice Culture.

Certificate from Royal Conservatory of Music, Stuttgart, Germany, 1885 to 1889. Organist and Soloist in various churches in St. Paul and Minneapolis, 1889 to 1906. Baritone in Westminster Presbyterian Church, Minneapolis, 1906——. Director and Instructor in Piano and Voice Culture, Macalester College, 1895——.
Residence, 1722 Princeton Ave.

G. H. FAIRCLOUGH,

Instructor in Piano, Organ, Theory.

Certificate from Royal High School of Music, Berlin, Germany, (1893 to 1896), under Professors Barth, von Peterson, Ernest and Schilling, Piano; Bargiel and Succo, Theory; Clemens, Organ. Director of Music, Presbyterian Ladies' College, Brantford, Ont., 1891 to 1893. Organist and Choir Master, St. John's Episcopal Church, and also of Mount Zion Hebrew Temple, St. Paul, 1900——.
Residence, 95 Mackubin St.

JAMES A. BLISS,

Instructor in Advanced Piano.

Student of W. H. Sherwood of Chicago.
Residence, The Arcade, Minneapolis.

MISS BESSIE A. GODKIN,

Instructor in Preparatory Piano.

Pupil of C. G. Titcomb seven years. Special work, New York City, two years.

Residence, 1048 Van Slyke.

W. H. NELSON,

Instructor in Violin, Composition, Orchestration.

Pupil of Leopold Kramer, Chicago Orchestra, Violin. Pupil of Samuel Baldwin, New York, Harmony, Composition and Orchestra.

J. K. RYDER,

Violoncello, Mandolin, Guitar, Banjo.

GERTRUDE E. CRIST.

Secretary to the Faculty, Secretary to the President.

Graduate, 1903, Central High School in the Scientific Course. Graduate, 1904, Lancaster Business College. Instructor Lancaster Business College, 1904 to 1905. Instructor in Commercial Branches, Macalester Classical Academy, 1905—.
Residence, 1230 Dayton Avenue.

LECTURERS for 1907-1908.

WILLIAM REESIDE KIRKWOOD, D. D., LL. D.,

Defense of the Faith.

A. B., Washington and Jefferson College, 1859. A. M., Washington and Jefferson College, 1862. D. D., University of Wooster, 1878. LL. D., Emporia College, 1900. Mental Science and Logic, Macalester College 1885-1890. Mental Science and Logic, Emporia College, 1890-1900. Pastor, St. Paul, 1900—. Political Science and Sociology, Macalester College, 1906-1907.
Residence, 1625 Wesley St.

DAVID AVERY HAGGARD, B. Sc.,

Roman Law.

B. Sc., 1891, University of Nebraska. LL. B., 1893, University of Nebraska. Lawyer, St. Paul, 1901——. Lecturer, St. Paul College of Law, 1904——.

FRANK T. WILLIAMS,

Meteorology.

Georgetown College. Local forecaster U. S. Weather Bureau, St. Paul, Minn.

WILLIAM PAUL KIRKWOOD, A. B.,

Journalism.

For data, see above.

COMMITTEES OF THE FACULTY.

Rules and Discipline.

THE PRESIDENT
E. C. DOWNING
JULIA M. JOHNSON
A. W. ANDERSON
MARGARET K. MOORE

Curriculum.

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D. N. KINGERY
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ADVISORY MEMBERS:
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Dormitory.

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Supervision of Buildings.

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THE PRESIDENT

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ULIA M. JOHNSON E. C. DOWNING
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College Council.

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. S. BARCLAY ACHESON.....Junior Representative
VM. JEFFERSON BELL.....Sophomore Representative
ELAND W. PORTER.....Freshman Representative
.....Academy Representative

Other Officials.

latron of Wallace Hall.....MRS. JOHN PRINGLE
latron of Edwards Hall.....MRS. ELLEN WOODCOCK
latron of Eutrophian Hall.....MRS. MAUDE CARBERRY
ead Engineer .....DONALD MacDONALD
ead Janitor .....D. R. JONES

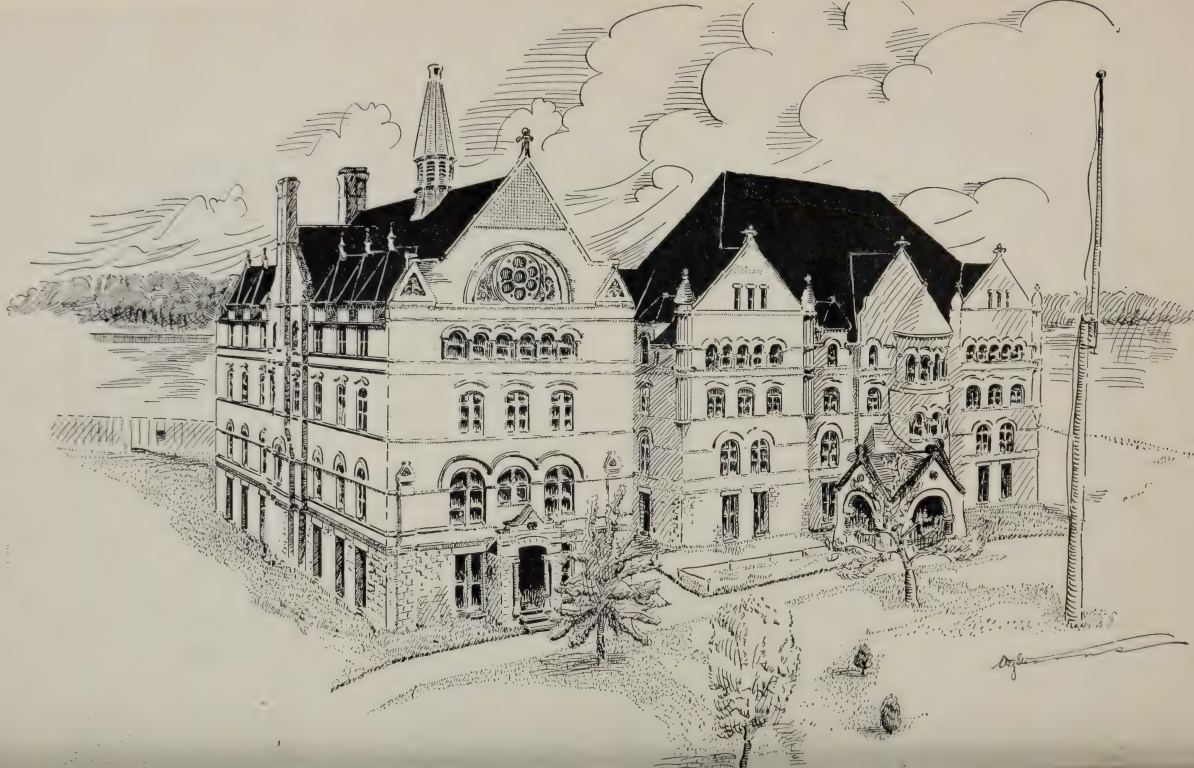
General Information.

Location and Approach.

Location.—Macalester College is located in Macalester Park, a beautiful suburb in the western part of the corporate limits of St. Paul. Its property fronts on Summit Avenue and is one mile south of the main interurban line where it crosses Snelling Avenue. The Grand Avenue electric line runs through the grounds, and the Selby Avenue interurban line is but four blocks north. The Snelling Avenue crosstown line starting at the college campus, connects with all the interurban lines. But one car fare is charged to either city from Snelling Avenue.

Campus.—The college campus contains forty acres and is a beautiful piece of property. It has a frontage of six hundred and sixty feet on Summit Avenue, a fine boulevard two hundred feet in width, terminating one mile west on the banks of the Mississippi. The grounds contain a fine grove, and efforts are making to beautify them in a manner befitting their surroundings.

Advantages of the Location.—The college is very pleasantly located. Macalester Park contains about one hundred residences and is quite removed from the thickly settled parts of the city. Although this portion of St. Paul is now experiencing a rapid growth, the college is still away from the distractions and temptations of city life. There are no saloons or other places of temptation in the vicinity. The location is favorable for study, for the development and maintenance of a pure and wholesome college life, and for careful super-



vision of the conduct of the students. Though the college is in a quiet and retired place, the students are brought in contact more or less with the life and culture of the city. The large public libraries, churches, lecture courses and musical entertainments are accessible, and season tickets to the regular lecture courses are usually offered students at a reduction.

How to Reach the College.—To reach the college from St. Paul take street cars running west, marked "Grand Avenue" or "Grand and Groveland." Get off at Snelling Ave. These cars are reached from the Union Station by going up Sibley street two and a half blocks. If these directions are forgotten, any policeman will give correct information as to how to reach the college.

To reach the college from Minneapolis take the new interurban line by way of Lake street and Marshall avenue to Snelling avenue; or take the interurban line by way of Merriam Park, get off at Snelling avenue, and go south to the college.

Persons with trunks or other heavy baggage should buy their tickets to St. Paul. Arrangements are made at the college to have the trunks brought out at a small cost. Any student notifying the president or any professor as to time of arrival and means of identification will be met at the Union Station.

COLLEGE BUILDINGS.

Main Building.—This is a brick building, one hundred feet long and fifty feet wide, three stories high, containing class rooms, society halls, gymnasium, library, reading-room and auditorium.

The building is heated with steam and is provided with its own electric light plant.

Gymnasium.—The basement of the college building, a hundred feet long and fifty feet wide, with ceiling

seventeen feet high, is used for a gymnasium. It contains four hand-ball courts, ladders, hanging rings, horizontal bars and other apparatus, a lavatory supplied with hot and cold water and shower baths. It is large enough to admit of basket ball practice and affords ample facilities for healthful athletic exercise. One dollar and a half of each incidental fee is appropriated to athletics and physical training.

The Library.—The Library contains about ten thousand, two hundred volumes, not counting duplicates, most of it classified on the Dewey system. The department of bound periodicals already comprises over one thousand volumes. The Neill Collection includes rare works in Puritan and Colonial history, and theology, together with examples of fifteenth and sixteenth century printing. At present the Neill Collection of autograph letters is to be found in the library.

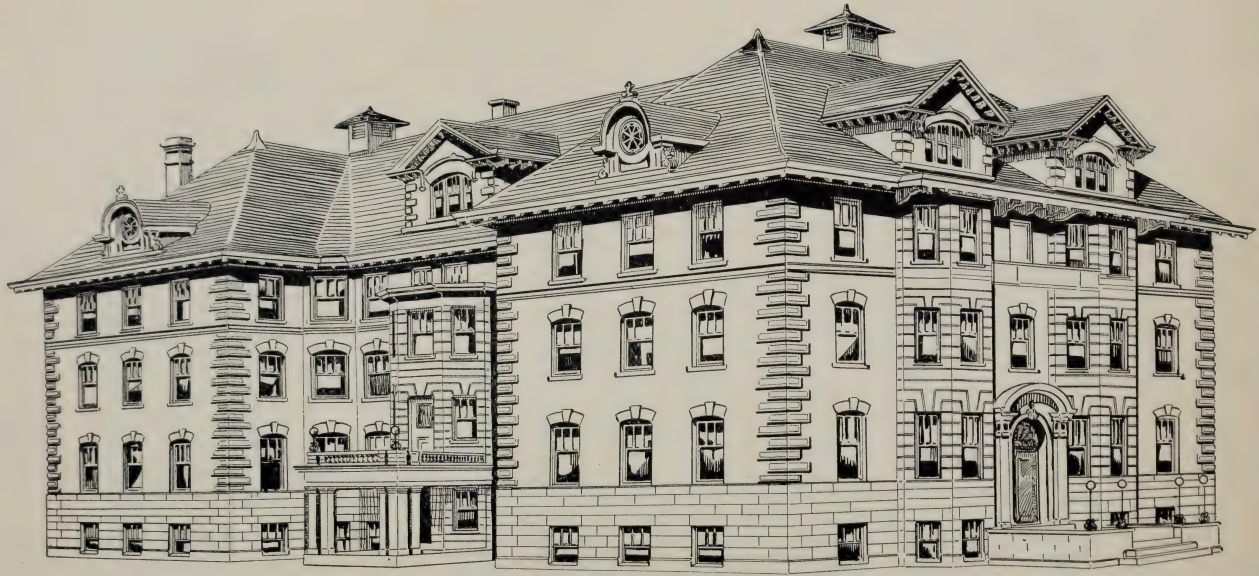
A large room on the third floor affords excellent accommodations for both Library and Reading Rooms, and is open every week day throughout the college year.

The number of current periodicals in the Reading Room has been considerably increased and at present is sixty-eight.

There is set apart each semester, for the purchase of books and binding of literature, one dollar of every incidental fee.

During the past year the library has received a number of valuable gifts from friends. The firm of Reed and Stem, Architects, with offices in New York and St. Paul, has provided an annual income of one hundred dollars for an alcove on art and architecture. The Trustees have ordered that the alcove be named "The Reed and Stem Alcove on Art and Architecture."

Hon. William Jennings Bryan has contributed twen-



WALLACE HALL
WOMEN'S DORMITORY AND SCHOOL OF MUSIC.

ty-five dollars for the purchase of books in Political Science.

Mr. George D. Dayton, of Minneapolis, the donor of Poole's Index to Periodical Literature, has supplied the fifth supplement.

Men's Dormitory.—This also is a three-story brick building, ninety feet long by thirty-eight feet wide. The first floor contains the music studio, Y. W. C. A. room, and mathematics room. The second and third floors contain twenty double rooms designed to accommodate two students each. The rooms are furnished with plain, substantial furniture, are well lighted and thoroughly comfortable. In the basement are the physical and biological laboratories. This hall is for men exclusively.

The building is heated with steam, and lighted with gas. Students must care for their own rooms or arrange with some one to do so. Rates per week are from seventy-five cents to one dollar.

Wallace Hall.—This splendid new building for women, situated at the corner of Summit and Macalester avenues, is 60 by 127 feet, and so arranged that sunlight falls into every room. In addition to the students' rooms there are elegant parlors, a dining room that seats one hundred, and a large gymnasium in the basement. The classes for the physical training of women are held here. It is heated by steam, lighted by electricity, has hot and cold water in every room, shower and tub bath facilities. It accommodates ninety women. The whole building has every modern appointment and is absolutely fireproof. It is believed that no building of its kind west of Chicago can approach it or be compared with it in plan and equipment. Choice of rooms will be given in order of application. Rates range from one dollar a week to a dollar and a half.

Edwards Hall.—This is a substantial three-story

building on Macalester Avenue, one block south of the college. It is named after W. C. Edwards, Esq., of St. Paul, through whose generous liberality it was erected. It furnishes accommodations for twenty-two men, besides the matron and her help, and sets tables for forty. The plain, but excellent accommodations provided in this building and offered at very moderate rates have proved a great boon to students who find it difficult to meet the expenses of a college education. The students in this building form a club and manage the boarding department under a matron and other officers of their own choice, subject to the general supervision of the faculty. Room rent is thirty-five cents a week.

Eutrophian Hall.—This is a beautiful frame building at the corner of Summit and Snelling avenues. It is heated by hot air and water, lighted by gas, and rooms twenty-five men. Its dining room is light, cheery and commodious, having a seating capacity for about forty young men. The club is under the care of a competent matron, and a steward, who is elected from the members. The amount paid for board by members defrays all expenses. It is the aim of those to whose hands the management is entrusted to keep the expenses at a minimum. Board ranges from two dollars and forty cents to two dollars and seventy cents a week. Room rent one dollar per week.

Chemical Laboratory.—The building erected originally for the library, through the liberality of Hon. Henry L. Moss, is now used as a chemical laboratory. It has desk room for twenty-eight students, is thoroughly lighted and admirably adapted for laboratory purposes. It is well equipped with apparatus and offers facilities for both required and elective courses in chemistry.

Administration.

In the administration of the college appeal is made to the self-respect and honor of the students. They are constantly encouraged to guard well their honor and that of the institution, to maintain a wholesome esprit de corps.

Some regulations, however, are necessary, and when students matriculate it is understood that they thereby submit themselves to the government of the college and pledge themselves to support the same while they are members of the institution. They are expected, and, by virtue of their matriculation as students of the institution, are understood to obligate themselves to act as ladies and gentlemen, to be faithful in attendance upon recitations, examinations, daily morning prayers, and Sunday morning service, and to be diligent in preparation of all tasks assigned.

Students of the Academy who are under the age of eighteen may visit the cities only on Saturdays during the day or Sunday evenings to attend church. At other times permission must be obtained of the principal of the Academy.

College students are given greater liberty; but frequent visiting of the cities or returning late at night will be dealt with as offenses against good order.

Except in very special cases students are not permitted to room and board down in the city.

Students whose influence is found to be hurtful, even though guilty of no serious breaches of order, will not be retained in the institution.

Religious Culture.

Religious Services.—Devotional exercises are held in the college chapel daily at 10 a. m., at which all students are required to be present.

Public worship is held every Sabbath morning in Macalester Presbyterian church. Attendance upon this service is expected of all students except those living at home, and those excused for good reason to worship elsewhere.

In so far as the students' means will permit they are urged to share in the support of this church.

The students are welcome to the Sabbath school, which follows the morning service, and for them special classes are organized.

Young Men's Christian Association.—This association has an active membership of about forty members. It holds regular meetings every Tuesday evening and missionary meetings once a month. Several of the older members do home mission or Sabbath school work in small churches located in the cities or within a reasonable distance of them. Going out to these country churches on Saturday evening they are usually able to return Monday morning in time for recitations. The association is in close touch with the associations of the two cities and finds opportunities of Christian activity and usefulness in the mission work of the cities. A committee of the association is present at the College two or three days before the College opens to meet the new students as they come in. Members of this committee will meet any incoming student at the Union Station, St. Paul, if notified beforehand of the time of arrival. Address Mr. J. W. Hamblin, President Young Men's Christian Association.

Young Women's Christian Association.—This association, like the one above named, seeks to deepen the spiritual life of its members, to foster a Christian spirit in the institution, to bring its members into closer and more sympathetic relations with one another. It has a membership of from thirty to thirty-five. Devotion-

al meetings are held weekly in the Y. W. C. A. room in the college, and much attention is given to Bible study and to missionary themes. If any young woman, who expects to enter the College, notifies the president or vice president of the association when she will reach the city, she will be met at the station. Any information about the institution will be gladly given upon inquiry. Address Miss Bertelle Barker, President.

Students' Volunteer Band.—This organization, numbering fifteen or more, holds monthly meetings sometimes in the college, sometimes with the bands of neighboring institutions. It aims to reach a more thorough consecration and to become more conversant with the history and achievements of missions.

Society of Christian Endeavor.—The Christian Endeavor society meets every Sabbath evening in the local church of the Park. The society has proved an invaluable means of Christian culture.

Literary Societies.

Three literary societies and one debating club are in operation under the general oversight of the faculty. In the collegiate department there are the Hyperion Society, admitting to membership both young men and young women; the Athenaean Society, for young men; the Clionian Society, for young women; and in the Academy, the Parthenon, open to all students of this department.

The Hyperion Society has its own well furnished hall; the Athenaean Society occupies artistic quarters in the Music Studio; the Clionian Society uses the pleasant rest room of the Y. W. C. A., while the Parthenon has a commodious hall in the Main Building.

Every regular student is expected to become con-

nected with one of these societies, and faithfully fulfill the duties of membership. No literary society or other organization may be established without the consent of the faculty.

Oratorical Association.—This association seeks to promote an interest in Oratory. The interests of the College in the state association are under the control of this association. By means of a preliminary contest it selects one member to represent the College at the State oratorical contest.

Prizes and Scholarships.

Through the kindness of some of its friends the College is able to announce a number of prizes, as follows:

Noyes Prizes.—Mr. D. R. Noyes of St. Paul offers one hundred dollars annually to be given in prizes as the Faculty may direct. The Faculty has apportioned the prizes as follows: to that member of the sophomore class having the highest standing in the first two years of the college course, twenty-five dollars; to that member of the junior class having the highest standing for that year, twenty-five dollars; to that member of the graduating class taking the first honors, fifty dollars. Students competing for these prizes must be without conditions.

Last year the senior prize was awarded to Rose A. Metzger, the junior to Lydia A. Schroedel, and the sophomore to Bertelle Barker.

Stringer Prize.—Through Mr. E. C. Stringer of St. Paul, the College is able to offer an annual prize of twenty-five dollars, to be given to that student of the College who, having not less than fourteen recitations a week, takes the first place in the preliminary oratorical contest mentioned above, and represents the college in the state contest.

SKATING RINK.

Edwards Medal.—By the gift of Mr. W. C. Edwards of St. Paul, that member of the senior class of the Academy who is graduated with the highest standing receives a gold medal. This prize was awarded last year to Sarah E. MacKnight.

Shaw Scholarship.—Given by Prof. Thomas Shaw to the nominee of the Central Presbyterian Church of St. Paul.

Ministerial Scholarships.—Given by Board of Education of the Presbyterian Church to candidates for its ministry.

Silliman Scholarship.—Offered by H. B. Silliman and yielding $50.00 per annum.

Physical Training and Athletics.

Athletics and careful physical training are encouraged and one dollar and a half of the incidental fee for each semester is set apart for instruction in the care and training of the body and for the equipment of the gymnasium. The four hand-ball courts are at the service of the students, besides considerable apparatus. An inclosed athletic field has been prepared, containing about five acres and lying just south of the College. There is a number of lawn tennis courts. A large skating rink has been provided in the midst of the oak grove at the south of the campus, and has been very popular. A class in physical training is conducted by Miss Whitridge for young women. It has been largely attended the past year, and is held in the gymnasium of Wallace Hall. No young woman should miss the opportunity afforded in this instruction. A trained coach for field sports (football, baseball and track athletics) for men and gymnasium sports will be provided next year. This physical director will be a regular member of the faculty—thus ensuring clean athletics.

Examinations and Reports.

Examinations, written or oral, at the option of the professor, are held at the close of each semester, and the class standing of each student is fixed according to his grades in class and on examination. The former usually counts two-thirds, the latter one-third. No student can retain class standing if the examinations are not taken. A record is kept of each student's grades in scholarship and deportment, a copy of which is sent to his parents or guardian at the end of each semester. If these are not received the fact should be reported to the registrar. Quarterly reports will be made of all academic students.

Degrees.

Graduates from the Classical courses receive the degree of A. B.; those from the Scientific courses the degree of B. S.

Books and Stationery.

A book and stationery store is conducted at the College. When obtainable, second-hand books are kept in stock, and old books are taken in exchange or purchased on as liberal terms as the business will permit. Students are thereby enabled to effect a considerable saving on their book expense.

Self-Support.

Students desiring to do something towards defraying their own expenses can usually find some way of doing so. Many find work on Saturdays, in stores and other places of business, and have thus paid a large

part of the expense of their board. Others have earned their board by working mornings and evenings. It is seldom that any worthy, capable student with energy and tact fails to find some means by which he may work his way through college, provided the long summer vacation is improved to increase his income.

The Y. M. C. A. employment bureau has been organized to assist students in finding work. There are opportunities in stores and offices, care of furnaces, as waiters in clubs and carriers of newspapers, and in many other ways dependent upon the student's fitness. Valuable suggestions as to employment and the financial side of college life are gladly furnished to prospective students on application, and every effort to assist the new-comer is cheerfully made. Address all communications to Mr. Wilbur M. Fisk, Chairman Employment Committee, Macalester College, St. Paul.

Publications.

The following publications are issued from the college:

The College Catalogue, which is one number of **The Macalester College Bulletin,** an eight page monthly paper devoted to the advertisement and advancement of the institution. Three thousand copies are issued and sent to the alumni, ministers, general friends, and prospective students. It is hoped that all who may feel so inclined will subscribe for the paper (50c.), and thus help to keep the college before its constituency.

The Y. M. and Y. W. C. A. Handbook, a pocket booklet full of information for new students, and a veritable vade mecum for all.

Both the Bulletin and the Handbook are issued from the Macalester College Press.

Teachers' Bureau.

The college maintains a reliable teachers' bureau as a means of communication between graduates and superintendents and school boards desiring competent teachers. Graduates will not be recommended to positions for which they do not give good evidence of fitness. This service is given without charge. Those desiring to make inquiry in regard to teachers should address The Teachers' Bureau, Macalester College, St. Paul, Minn.

Telephone.

The college may be reached by the Northwestern Telephone, Midway 486, which is also the call of the Dean of the College. The President's residence call is Dale 235-J2. The call for the Principal of the Academy is Midway 495-J. Wallace Hall is Midway 171-R, and that of Eutrophian Hall, Midway 171-J.

Wallace Hall has also the Tri-State 'Phone 6819.

COLLEGE OF LIBERAL ARTS.

Courses of Study.

The College of Liberal Arts embraces the following general courses:

I. The Classical Courses, leading to the degree of A. B. In these courses, Latin must be continued throughout the freshman year, and the other language offered for entrance, usually Greek or German, must be continued to the close of the sophomore year.

II. The Scientific Courses, leading to the degree of B. S. In these courses, mathematics must be continued throughout the freshman year. In addition four sciences are required before the end of the course, a year's course in each of three and a two years' course in the fourth.

On entrance, the student makes choice of one of the above courses. Thereafter deviation from the course chosen must be with consent of the faculty upon written application stating reasons.

Preparation for the Study of Medicine.—The work in Biology and in Chemistry (over three years in the laboratory) furnishes rare preparation for those who intend to study medicine.

Preparation for the Study of Law.—The required studies in Political Economy and Social Science and the electives in Forensic Oratory and Constitutional History offer an admirable course to those who are preparing for law. Students who, while pursuing certain studies in college, would like also to take up the study of law, find excellent opportunity of doing so in connection with the St. Paul Law School, which gives all its lectures in the evening in the City Hall, but twenty-five minutes' ride from the college.

Preparation for Teaching.—Attention is called to the excellent courses in Education open to students who intend to teach. The College seeks especially to meet

the needs of such. The courses in Psychology are thorough and extensive and relate themselves closely to Education. It is expected to supplement the classroom work with lectures by teachers of large experience. A course is now offered in laboratory shop work. This course affords those who are intending to teach science an excellent opportunity for practical experience and preparation.

Preparation for the Christian Ministry.—The Bible study required through the course and the electives in Greek Testament, Hebrew, and Literary Study of the Bible, offer a course unusually well adapted to those who have the gospel ministry in view. Those, too, who are preparing to be missionary teachers will find in the wide range of Bible study pursued in the college an indispensable and very attractive adjunct to their course.

Senior Electives for Medical Students.—Students intending to study medicine, who are obliged to shorten their course in preparation, may in the following manner save one year while still obtaining their degrees. After completing three years of the college course and being enrolled for the fourth year, they may take the first year of the medical course in any medical school approved by the faculty, in place of the work of the senior year. This will be permitted subject to the following conditions: first, the required studies of the college must be completed in every case; secondly, a certificate must be presented from the medical school, showing the successful completion of the work of the first year in that school.

The faculty strongly advises against the adoption of this course except where absolutely necessary.

Partial Courses.—With the approval of the faculty, students who are not looking forward to a degree, may

be admitted to select courses for which they have sufficient preparation.

Admission from the Academy.—Graduates from the Academy are admitted, without examination, to the college course for which they are prepared.

Admission from High Schools and Academies.—Grades and certificates from other colleges, from academies and high schools will be accepted in lieu of examinations in so far as they represent an equivalent of preparation.

Certificates from high schools which offer a full four-years' course admit students to the freshman class without condition, subject to proper adjustment to courses herein offered; provided that said certificates represent thirty half-year credits. By a half-year credit is understood five recitations a week for eighteen weeks or the equivalent. Students deficient in required German or Greek, and having certificates as designated above, will be admitted without condition; but will be required to take, before graduation, a sum total of four years of the language elected. The amount required in College over and above two years will be counted as Junior and Senior four hour electives.

Students desiring to enter college without examination should send for an applicant's blank. This is to be carefully filled out by the proper authorities of the school last attended, and returned not later than September fourteenth. If this is done it will greatly expedite the work of classifying the new students at the opening in the fall.

Deficiencies.—Students who are not fully up to the requirements will be given every opportunity to remove their deficiencies.

REQUIREMENTS FOR ADMISSION TO THE FRESHMAN CLASS.

All candidates for admission to the freshman class must pass examination or present satisfactory credits in the following subjects:

I. English:

Grammar, and Analysis, including Orthography, Punctuation.

Rhetoric and Composition.

Literature. This examination is based on a careful study of: Shakespeare's Macbeth; Milton's L'Allegro, Il Penseroso, Comus, and Lycidas; Burke's Speech on Conciliation with America; Macaulay's Essays on Addison and Milton, and a careful reading of: George Eliot's Silas Marner; Pope's Translation of the Iliad (Books i, vi, xxii, and xxiv); The Sir Roger de Coverley Papers in the Spectator; Goldsmith's Vicar of Wakefield; Scott's Ivanhoe; Shakespeare's Merchant of Venice; Cooper's Last of the Mohicans; Tennyson's Princess; Coleridge's Rime of the Ancient Mariner.

No candidate will be accepted in English whose work is seriously defective in point of spelling, punctuation or grammar.

II. Mathematics:

Arithmetic: Including the Metric System.

Algebra: Higher, through Quadratics.

Geometry: Plane and Solid.

III. Latin:

Grammar and Lessons (one year).

IV. Science:

Elementary Physics or Chemistry: one year.

V. History:

United States: McMaster's, Johnston's, or their equivalent.

Greece: Morey's, Oman's, or their equivalent.
Rome: Morey's, Allen's or their equivalent.
England: Any standard text-book.

VI. Geography:

Descriptive Geography: Ancient and Modern.
Physical Geography: Dryer's, Tarr's, Davis', or their equivalent.

In addition to the above there is required for the

Classical Courses.

I. Latin: Virgil: Six books of the Aeneid.
Caesar: Four books of the Gallic War.
Cicero: Six orations.
Prose Composition, based on Caesar.

II. Greek:

Grammar and Lessons (one year),
or Xenophon: Four books of the Anabasis.
Prose Composition, based on the Anabasis.

III. German:

Grammar and Lessons: Spahnhoofd or Becker.
Reader: Glueck Auf, or its equivalent.
Literature: Storm's Immensee, Wilhelm Tell and Hermann und Dorothea, or the equivalent of these.
Composition: Simple prose.

Students deficient in Greek or German see preceding paragraph on Admission from High Schools and Academies.

Scientific Courses.

I. German: Same as above.

II. Science: Physiology, Botany and Zoology, one-half year of each; Physics, one year.

Synopsis of Courses of Study.

FRESHMAN YEAR.

FIRST SEMESTER.		SECOND SEMESTER.	
REQUIRED:		REQUIRED:	
Bible, 2*.	(1)	Bible, 2.	(1)
English, 1.	(3)	English, 1.	(3)
Oratory, 1.	(2)	Oratory, 1.	(2)
ELECTIVE:		ELECTIVE:	
GROUP I.		GROUP I.	
Mathematics, 1.	(4)	Mathematics, 2.	(4)
Biology,1.	(4)	Biology, 1.	(4)
Chemistry, 1.	(4)	Chemistry, 1.	(4)
Latin, 1.	(4)	Latin, 1.	(4)
History, 1.	(4)	History, 1.	(4)
GROUP II.		GROUP II.	
Latin, 1.	(4)	Latin, 1.	(4)
Greek, 1.	(4)	Greek, 2.	(4)
French, 1.	(4)	French, 1.	(4)
German, 1, 5.	(4)	German, 1, 5.	(4)

Eighteen hours per week are required.

A classical course must include Latin, one other subject from roup I, and the second language from Group II, which was offered r entrance.

A scientific course must include mathematics and one subject addition from each group.

*Plain figures refer to the courses as numbered in the description the courses following; figures in parentheses, to the number of urs a week; and so throughout this synopsis.

SOPHOMORE YEAR.

FIRST SEMESTER.		SECOND SEMESTER.	
REQUIRED:		REQUIRED:	
Bible, 3.	(1)	Bible, 3.	(1
Social Science, 1.	(4)	Political Science, 3.	(4
ELECTIVE:		ELECTIVE:	
English, 2.	(4)	English, 3.	(4
Latin, 2.	(4)	Latin, 2.	(4
French, 2.	(4)	French, 2.	(4
German, 2.	(4)	German, 2.	(4
Greek, 3.	(4)	Greek, 4.	(4
Mathematics, 3, 6.	(4)	Mathematics, 4, 6.	(4
Biology, 2, 3.	(4)	Biology, 2, 3.	(4
Chemistry, 1, 2, 4.	(4)	Chemistry, 1, 2, 4.	(4
Physics, 1.	(4)	Physics, 1.	(4
Shop-work, 1.	(4)	Shop-work, 2.	(4
Education, 1.	(4)	Education, 2.	(4
History, 1, 2, 3, 4.	(4)	History, 1, 2, 3, 4.	(4
Oratory, 2.	(3)	Oratory, 2.	(3

Seventeen hours per week are required.

Language of Group II of Freshman year must be continued.

Chemistry must be chosen unless student already has credit fo one year's work, in which case some other science must be chosen.

JUNIOR YEAR.

FIRST SEMESTER.		SECOND SEMESTER.	
REQUIRED:		REQUIRED.	
Bible, 4.	(1)	Bible, 4.	(1)
Philosophy, 1.	(4)	Philosophy, 2.	(4)
ELECTIVE:		ELECTIVE:	
Bible, 1, 5, 6.	(2)	Bible, 1, 5, 6.	(2)
English, 4, 5, 7.	(4)	English, 4, 6, 7.	(4)
French.	(4)	French.	(4)
German, 3, 5.	(4)	German, 3, 5, 6.	(4)
Greek, 5, 6.	(4)	Greek, 5, 6.	(4)
Hebrew, 1.	(4)	Hebrew, 1.	(4)
Latin, 3, 4, 5, 6, 7.	(4)	Latin, 3, 4, 5, 6, 7.	(4)
Mathematics, 3, 5, 6.	(4)	Mathematics, 4, 5, 6.	(4)
Astronomy, 1.	(4)	Astronomy, 1.	(4)
Biology, 2, 3.	(4)	Biology, 2, 3.	(4)
Chemistry, 2, 3, 4.	(4)	Chemistry, 2, 3, 4.	(4)
Geology.	(4)	Geology.	(4)
Physics, 1, 2.	(4)	Physics, 1, 2.	(4)
Shop-work, 1.	(4)	Shop-work, 2.	(4)
Education, 1, 3, 4.	(4)	Education, 2, 3, 4.	(4)
History, 1, 2, 3, 4.	(4)	History, 1, 2, 3, 4.	(4)
Music.	(2)	Music.	(2)
Oratory, 3.	(2)	Oratory, 3.	(2)
Philosophy, 4.	(4)	Philosophy, 5.	(4)
Social Science, 2.	(4)	Political Science, 4.	(4)

Seventeen hours per week are required.

SENIOR YEAR.

FIRST SEMESTER.		SECOND SEMESTER.	
REQUIRED:		REQUIRED:	
Bible.	(1)	Bible.	(1)
		Philosophy, 3.	(4)
ELECTIVE:		ELECTIVE:	
Bible, 1, 5, 6, 7.	(2)	Bible, 1, 5, 6, 7.	(2)
Apologetics.	(4)	Apologetics.	(4)
English, 4, 5, 7.	(4)	English, 4, 6, 7.	(4)
French.	(4)	French.	(4)
German, 3, 4, 5.	(4)	German, 3, 4, 5, 6.	(4)
Greek, 5, 6.	(4)	Greek, 5, 6.	(4)
Hebrew.	(4)	Hebrew.	(4)
Latin, 3, 4, 5, 6, 7.	(4)	Latin, 3, 4, 5, 6, 7.	(4)
Mathematics, 3, 5, 6.	(4)	Mathematics, 4, 5, 6.	(4)
Astronomy, 1.	(4)	Astronomy, 1.	(4)
Biology, 2, 3.	(4)	Biology, 2, 3.	(4)
Chemistry, 2, 3, 4.	(4)	Chemistry, 2, 3, 4.	(4)
Geology.	(4)	Geology.	(4)
Physics, 1, 2.	(4)	Physics, 1, 2.	(4)
Shop-work, 1.	(4)	Shop-work, 2.	(4)
Education, 1, 3, 4.	(4)	Education, 2, 3, 4.	(4)
History, 1, 2, 3, 4.	(4)	History, 1, 2, 3, 4.	(4)
Music.	(2)	Music.	(2)
Oratory, 3.	(2)	Oratory, 3.	(2)
Philosophy, 4, 6, 7.	(4)	Philosophy, 5, 6, 7.	(4)
Political Science, 2, 5.	(4)	Political Science, 4, 6, 7.	(4)

Seventeen hours per week are required.

IMPORTANT NOTE.

Because of modifications in the curriculum, it will be necessar for seniors to take, in addition to the required studies as liste above, Philosophy I, unless they have already obtained a credit that subject. Likewise, juniors must take Political Science III unless they have already a credit in that subject.

Particular Description.

ENGLISH.

1. Rhetoric.—The course in rhetoric is intended to cultivate the taste and to develop the critical power of the student; to train him in accurate observation and thinking and to the use of clear, forcible and elegant English. It includes the following: Theory and practice in the making of abstracts and plans especially in exposition and argumentation; constructive studies in characterization, the short story, the essay, the ballad and the sonnet. Throughout the course emphasis is laid on practice rather than theory with a view to prepare the student for practical journalistic work. Freshman year, three hours a week; required.

2. **Anglo-Saxon and Middle English.**—Study of grammatical forms; reading of Sweet's Anglo-Saxon Primer and other selections; Sweet's First Middle English Primer; complete text of Chaucer. Open to sophomores. First semester, four hours a week.

3. American Literature.—Readings, studies and themes, under the direction of the professor, in the lives and masterpieces of our great writers. Open to sophomores, second semester, four hours a week.

4. **English Literature.**—The aim of the course is to emphasize the main facts in the development of the literature. Spenser, Shakespeare and Milton are extensively read and discussed. Open to juniors, four hours a week throughout the year.

5. Criticism.—A study of the principles governing literary composition. Open to seniors, first semester, four hours a week.

6. Modern English Poets.

(1) From Milton to Tennyson.—A critical study of

short selections. Each representative poet is studied in relation to his personal environment and the intellectual condition of his age. Open to seniors; first half of second semester, four hours a week.

(2) A Study of Browning.—Open to seniors; second half of second semester, four hours a week.

7. Journalism.—Arrangements have been completed with William P. Kirkwood, of Macalester College, class of '90, for the past eleven years connected with the editorial department of The Minneapolis Journal, to conduct an elective in Journalism as a part of the college work in English for the coming year. This course will be open to Juniors and Seniors, and will call for three recitations, or their equivalent in work, through both semesters. It is the intention to make the course thoroughly practical, but it is not the intention to limit its benefits to those who may be contemplating entry into the work of Journalism. It is believed that the work can be made of the very highest service as a practical training in the use of English, for all advanced students in the college. Furthermore, there can be no doubt that such a course as planned can be made to familiarize all students who take it with the principles and practice of one of the greatest moral and educational agencies of modern life, so that in after years they may avail themselves of its benefits and be less often misled by its errors. Thus it ought to appeal not only to the future journalist, but to the future teacher, pastor, lawyer, or business man, as a means of bringing him in a preliminary way into touch with phases of life he will wish to be prepared for upon entering the work of his profession in serious earnest.

The course will open with a study of the history and of the principles of Journalism. This study will be followed by actual practice in the work of writing for

the press. Thorough drill will be given in the various branches of reporting, of editing news material, of headline writing, and of editorial expression. In all such practice the student will be called upon to make use of the instruction he receives in such collateral studies as the political sciences, history and literature. Toward the end of the course, and as often as possible and advisable before, the class will be brought into actual touch with the daily papers of the cities of St. Paul and Minneapolis. Such work will be to the student of this elective what laboratory work is to the chemist, and will give him a chance to make a practical test of the value of his training in the class room.

Such a course should add greatly to the cultural value of the student's general college work, by developing greater precision in the use of English, greater readiness in the application of his college training and early experience of life to the practical affairs of every day, a broader interest in the affairs of life, and a familiarity with newspaper work which will be of special benefit in case a journalistic career should be entered upon.

ORATORY.

The aim of the work is to teach the students scientific principles and to give them artistic and practical training which will enable them to avoid all affectation and rant, all mere trickery and striving for effect.

1. **Voice Training.**—Deep Breathing. Correction of voice-faults and mannerisms. Science and Art of Expression and their relation to reading, recitation and oratory. Factors of expression. Theory and practice. Required of freshmen two hours a week throughout the year.

2. **Action.**—Analysis of emotions. Theory and practice. Physical presentation of emotions, including pose, gesture, facial expression. Reading of the

classics. Open to students who have completed course 1; three hours a week throughout the year.

3. Presentation.—Bible, Shakespeare, Hymn and Ballad reading. Open to students who have completed course 2; two hours a week throughout the year.

LATIN.

1. Freshman Year.—Cicero's De Senectute and De Amicitia, Pliny's or Cicero's Letters and Livy's story of the Hannibalic war. Along with the study of these texts there is collateral work upon the life, style, and works of the authors, as well as the social and political customs and problems of their times. There is also pursued a careful study of etymology and phonology, while the principles of syntax receive constant attention and elucidation. Required of freshman in classical courses; elective in scientific. Four hours a week throughout the year.

2. Sophomore Year.—During the first semester the Odes, Satires and Epistles of Horace are read, not so much, however, as a study of language as of literature. The subject of prosody, as suggested by his various metres, is given due consideration. The second semester is spent upon the Germania and Agricola of Tacitus, and on selections from Quintilian. These works are alike valuable for their contents and literary style, and furnish conspicuous examples of later Latin. They are studied both from a literary and a linguistic point of view. Open to sophomores, four hours a week throughout the year.

To juniors and seniors the following courses are open four hours a week throughout the year:

3. Oratory.—(a) Cicero: De Oratore, (b) Cicero:

Brutus or Oratio pro Milone, (c) Tacitus: Dialogus de Oratoribus.

4. **Drama.**—(a) Plautus: Aulularia, Rudens, (b) Plautus: Captivi, Trinummus, (c) Terence: Andria, Adelphoe.

5. **Ethics.**—(a) Cicero: De Finibus, (b) Cicero: De Officiis, (c) Seneca: Essays.

6. **Lyric Poetry.**—(a) Catullus, (b) Tibullus, (c) Propertius, (d) Latin Christian Hymns.

7. **Teachers' Course.**—This course includes a very thorough study of Latin grammar, especially syntax, with a review of Caesar, Cicero, and Vergil from a teacher's point of view. Students in this course are given practical work in being allowed to teach classes in these subjects occasionally under the eye of the professor.

Each elective will receive the textual and collateral study appropriate.

Throughout the whole college course, students are encouraged and expected to make original investigation, to formulate their own conclusions, and to cultivate the art of literary criticism. As much time as possible is devoted to such collateral subjects as add both interest and information.

GREEK.

The general aim in this department is to learn to read Greek readily; to become acquainted with the Greek people as revealed in their great creations in history, oratory, philosophy, poetry and art; to arrive at a just estimate of the contribution of the Hellenic race to human progress.

1. **Attic Greek.**—The reading and study of easy Attic prose, begun in the Academy, is continued into the freshman year. Xenophon (Hellenica) or Lucian

(Dialogues) are the authors read. The grammar is carefully reviewed and the study of prose composition continued. First semester freshman year, four hours a week.

2. Ionic Greek.—The second semester is devoted to Herodotus and Homer. The deviations from the Attic in accidence and syntax are carefully noted. The Iliad is studied as literature and an effort is made to trace its influence on later epics. Four hours a week.

3. Orators.—The third course embraces a study of the Greek orators during the first semester of the sophomore year. Several of the orations of Demosthenes are read and in this connection the rise and development of oratory is traced. Four hours a week.

4. Philosophical Writings.—The second semester of the sophomore year is devoted to literature on philosophy. Selections from Plato, Aristotle and the Memorabilia of Xenophon are read. Four hours a week.

5. The Drama.—The fifth course embraces certain of the plays of Aeschylus, Sophocles, Euripides or Aristophanes. The Greek theatre and Greek dramatic art are studied and a number of plays read, others outlined. Open to seniors and juniors four times a week.

6. Greek Testament.—For a sixth course the Greek New Testament is offered. It is intended especially for those who expect to study theology or who may wish to know the original of the New Testament. Open to juniors and seniors four times a week.

7. Lyric Poets.—In lieu of courses 5 and 6 a course may be offered in the Lyric poets.

Students who have pursued the study of German or French to the end of the sophomore year may take as an elective the Greek of the Academy (Lessons and Anabasis).

GERMAN.

German is a feature of the modern classical courses and runs parallel with the Greek in ancient classical. The aim is to master the language both as spoken and written. The works of some of the best classical and living authors are read and the materials in the different books furnish the subject for easy conversation in German.

Composition and rapid reading of living authors is a feature of the advanced work.

1. Freshman Year.—Easy prose (a) Aus Deutschen Meisterwerken, (b) Two Novellen by Baumbach, (1) Der Schwiegersohn, (2) Die Nonna, (c) Schiller's Das Lied von der Glocke, (d) Lessing's Minna von Barnhelm. First semester, four hours a week. (a) German Composition, (b) Goethe's Iphigenie, (c) German lyrics and ballads. Second semester, four hours a week. Required of freshmen in classical courses, offering German for entrance. Open also to juniors.

2. Sophomore Year.—(a) Goethe's Faust, Part I; (b) Schiller's Maria Stuart; (c) Lessing's Nathan der Weise are read the first semester. The second semester is devoted to the study of the best modern Novellen. Heyse, Jensen, Riehl, Storm, Seidel, Fulda and Wildbrandt are the authors read. These texts furnish the subjects of conversation in German. Four hours a week throughout the year. Open to sophomores and seniors.

3. History of German Literature.—The text used is Kluge's Deutsche Litteratur, supplemented by lectures. Then follows a study of the Romantic School, which includes the reading of Heine's Harzreise and Scheffel's Ekkehard. Open to juniors and seniors, four hours a week, throughout the year.

4. The Modern Drama.—(a) Freytag's Die Jour-

nalisten. (b) Moser's Der Bibliothekar. (c) Wildenbruch's Harold. (d) Hauptmann's Die Versunkene Glocke. (e) Sudermann's Johannes. (f) Lectures on the latest dramas. Open to seniors, four hours a week throughout the year.

5. Middle High German.—A course in Middle High German is offered to native German students, and to such other students as are qualified to take up this study. First, a brief study of Middle High German Grammar, and then Das Niebelungenlied and Gudrun are read. Four hours a week throughout the year.

6. (a) Goethe's Wilhelm Meister. (b) Schiller's Thirty Years' War. (c) Freytag's Aus dem Jahrhundert des grossen Krieges. First semester, four hours a week. (a) Goethe's Egmont. (b) Schiller's Die Jungfrau von Orleans. (c) Wieland's Oberon. Second semester, four hours a week.

Besides the above courses for advanced students the German of the junior and senior years of the Academy is open to students who wish to enter upon the study of German.

FRENCH.

1. First Year.—This year is devoted to grammar, composition, conversation, and easy reading. Open to all college students; four hours a week throughout the year.

2. Prose Literature.—This course includes a critical reading of some of the French classics, which will be varied from year to year; also conversation and composition. Open to all who have completed course 1; throughout the year, four hours a week.

3. The Drama.—The reading and interpretation of portions of French dramatic literature comprise the work of the third year. Open to all who have completed course 2; throughout the year, four hours a week.

HEBREW.

Hebrew is elective in the junior and senior years. The course is intended, (1) to prepare students to do advanced work as soon as they enter the theological seminary; (2) to enable them to specialize in some other department.

One year, four hours a week; open to juniors and seniors.

One year, four hours a week; open to seniors.

BIBLE AND APOLOGETICS.

1. **"Outline Studies in the Books of the Old Testament."**—This includes a rapid survey of many of the Old Testament books in such a way as to acquaint the student with the contents of the books themselves, the chronology of the Old Testament and the general course of the national history. Two semesters, one hour a week. Open to juniors and seniors.

2. **The Life of Christ.**—Two semesters, one hour a week. Text-books, Stevens and Burton's Harmony, and Burton and Matthews' Constructive Studies. Required of freshmen.

3. **"The Book of Acts and Letters of Paul."**—This is a study of the primitive church as described in the Acts, and an analytic study of Paul's epistles. Two semesters, one hour a week. Required of sophomores.

4. **The Prophets of Israel.**—This includes a study of the prophets themselves, their general appearance, their place in the community, functions, etc., with special emphasis upon their preaching of the Messianic Promise. Two semesters, one hour a week. Required of juniors who do not elect Literary Study of Bible, Apologetics or Greek Testament.

5. **The Literary Study of the Bible.**—This course is a study of the different literary forms found in the

Bible. It includes a special study of the Book of Job Text-book, Moulton's Literary Study of the Bible Two semesters, two hours a week. Open to juniors and seniors.

6. Apologetics.—This course aims chiefly at two things:

First, a brief exposition of Christian theism and an exhibition of its superiority in philosophy and in practice to the various opposing theories; deism, pantheism, materialism and agnosticism.

Secondly, a summary of the argument for historical Christianity and an examination of criticisms and objections, especially those of our own day. First semester, four hours a week. Open to juniors and seniors.

7. The Philosophy of Religion.—This course is intended as supplementary to the course in apologetics. It aims to exhibit and defend a philosophic conception in harmony with the Christian religion. Open to seniors, and to others by special permission, four hours a week, second semester.

For further courses see the departments of Greek, Hebrew and Philosophy.

HISTORY.

Course 1.—From 395 to 1300. This course will be a study of the barbarian invasions, the rise and growth of the papacy, the feudal system, the crusades, the rise of cities, and the formation of modern European nations, especially as illustrated by Germany, France and Italy. Text-book, collateral reading, lectures and quizzes, one year, four hours a week.

Course 2.—English Constitutional History. First semester, four hours a week.

Course 3.—The history of the Renaissance and Reformation to the Peace of Westphalia, 1648. Text-book,

collateral reading, lectures and quizzes. Second semester, four hours a week.

Course 4.—The Development of Modern Europe.

Courses 2 and 3 will not be offered in 1908-9.

EDUCATION.

1. The History of Education.—A view of the history of education by means of lectures, readings, class discussions and papers. It is intended that the course should have a high cultural value through the survey which it furnishes of a most important aspect of human thought and progress. The course includes a study both of the theories of philosophers and reformers and of the actual conceptions and practice of education as seen in the schools. Monroe's History of Education will be the basis for the work. Open to sophomores, juniors and seniors. Four hours a week, first semester.

2. Education in the United States.—This course consists of three parts: (1) a history of educational development in this country, elementary and higher, public and private; (2) a study of our educational systems and institutions as seen at the present time; and (3), as throwing light on the significance of the preceding, a survey of the foreign systems of our own time, especially those of Germany, France and Great Britain. Open to all who have completed course 1. Text-book, Dexter's History of Education in the United States. Four hours a week, second semester.

3. The Theory of Education.—This course consists of three parts, as follows:

(a) The Principles of Education. A study of the nature of education, its objects and purposes, its means and methods. Horne's Philosophy of Education is the basis of work.

(b) School Organization and Management. This is an important course to any who are looking forward

to the profession of teaching. Chancellors's Our Schools: Their Administration and Supervision, is the text book used. Lectures and class papers supplementary to the above will be presented, especially considering problems of school management.

(c) The Art of Teaching. A study of the immediate aims of the teacher; of the devices and methods made use of by teachers in the work of teaching with a critical estimate of their value. McMurry's Method of the Recitation will be used as a text-book. Members of the class will be expected to visit schools and make written reports on their observations. Opportunities for practice work will be offered in the academy to members of the class, under the supervision of the regular instructor and of the teacher in Education.

Students may expect lectures by members of the faculty as well as by teachers from the outside, who will supplement the course as outlined above. Open to juniors and seniors, four hours a week throughout the year.

4. A Critical Reading Course.—This course proposes a reading and discussion in some of the more important educational writers of ancient and modern times. The authors suggested for reading next year are Aristotle, Quintilian, Rousseau and Herbart. Open to juniors and seniors, also to others on approval of the faculty, two hours a week, throughout the year. This course will not be given for fewer than a class of six.

THE MENTAL SCIENCES AND PHILOSOPHY.

1. Logic and Scientific Method.—This course comprises a study of logic, deductive and inductive, of fallacies, logical theories and of scientific method. Abundant exercise is given in order to fix facts and principles and to cultivate keenness in analysis and

discrimination. Required, four hours a week, first fourteen weeks of the junior year.

2. Psychology.—This course aims at a comprehensive view of the most important divisions of the science. Because of the value of psychology for knowledge and culture and its fundamental importance to the other studies of this department and to education the course is made more complete than usual. Instruction is by means of recitation, experiment, lectures and class discussions. Required four hours a week through last twenty-two weeks of the junior year.

3. Ethics.—Ethics is placed near the end of the course in order that the philosophic aspects of the subject may be the better appreciated. The ethical facts are studied as they appear in life; then the theories of ethics are taken up for the purpose of obtaining a philosophical basis; and finally practical questions are handled by means of lectures and discussions. Required of seniors, second semester, four hours a week.

4. The History of Philosophy, Ancient, Medieval and Modern.—This course reviews the course of thought in philosophy from the time of the early Greek philosophers down. It aims to trace the development of philosophic conceptions and systems and their connection, and to point out their connection with the life of the times in which they arose. Special attention is given in Greek philosophy to Plato and Aristotle, and in modern philosophy to Kant. The course requires readings by the students in a number of the more important thinkers. Open to seniors and juniors, the first twenty-four weeks of the year, four hours a week.

5. Introduction to Philosophy.—Following the course in the history of philosophy, the course in introduction to philosophy places before the student a systematic view of the divisions of philosophy and of its

problems, including that of method. It aims not only to clarify the views of the student, but also to develop some defensible convictions. Open to all who have completed Course 4; the last twelve weeks of the year, four hours a week.

6. A Course of Readings in Philosophy.—This course introduces the student at first hand to the complete text of some of our more important works, mostly modern and English. The course varies from year to year, but Spencer's First Principles and James' Will to Believe are among the works commonly read. Next year Ormond's Concepts of Philosophy will occupy a prominent place in the course. Open to students who have completed Course 5; four hours a week the entire year.

7. Kant.—A year in the critical study of Kant's philosophy. The time will be devoted mainly to the Critique of Pure Reason. Open to seniors, four hours a week for a year. This course is properly alternative to Course 6, but may be given if a sufficient number request, as an additional course.

SOCIAL AND POLITICAL SCIENCE.

1. Sociology.—Under this head are included the history, various theories and principles of sociology. Important aims are, to show the extent of the field, to arouse an interest in the study, and to help to correct methods of sociological investigation. A standard textbook is used, but the systems of sociology as presented in Spencer, Ward and others are presented and discussed. Required of sophomores, four hours a week, first semester.

2. Sociology.—The time will be devoted to a more detailed study of the history of Sociology, the theories of Giddings and to original inductive studies. Open to juniors and seniors, first semester, four hours a week.

3. **Political Economy.**—A general survey is taken of the history, theories and generally accepted principles of Political Economy. A standard text-book such as Gide is used, supplemented by collateral studies in Adam Smith, Mill, Ricardo, Walker, articles in cyclopedias, etc. Required of sophomores four hours a week, second semester.

4. **Political Economy.**—In the elective course substantially the same ground is covered, but more attention is given to the historical development of the science, and to the application of sound principles to current economic questions. Open to juniors and seniors, second semester, four hours a week.

5. **History of Civil Government.**—The State, by Professor Wilson, is used as a text-book, with collateral study of constitutions. The aim is to trace clearly the great and distinctive features in the government of the leading European nations. Senior year, four hours a week, first semester.

6. **International Law.**—A brief course in the outlines of this important subject offered to meet the interest arising from our wider international relations. Open to seniors, second semester, four hours a week.

7. **Roman Law.**—Morey's "Outlines of Roman Law" is used. The object is to make the student acquainted with (1) the origin and development of Roman Law; (2) its relation to modern systems of jurisprudence.

MATHEMATICS.

1. **Higher Algebra.**—A rapid review is made of simple equations, ratio and proportion, progressions and quadratics, followed by infinitesimal analysis, development of binomial and Taylor's formulae, logarithmic series and discussion of higher equations, series, etc. Open to all students and required of fresh-

men in Scientific course. Four hours per week, first semester.

2. **Trigonometry and Analytic Geometry.**—An attempt is made to give the student a clear understanding of trigonometric functions, development of formulae and their application to the solution of problems. This is followed by a brief course in analytic geometry, sufficient for elementary courses in physics and astronomy. Open to all students, and required of freshmen in scientific course; four hours a week, second semester.

3. **Analytic Geometry.**—This is a continuation of course 2. Equations of straight lines, and the principal curves and their tangents are discussed by both rectilinear and polar coordinates. Open to those who have completed course 2. Four hours per week, first semester.

4. **Differential and Integral Calculus.**—A brief study of the principles of differential calculus based on theory of limits followed by a short course in integral calculus. Open to those who have completed course 3. Four hours per week, second semester.

5. **Advanced Differential and Integral Calculus.**—Open to those who have completed course 4. Four hours per week, one year.

6. **Surveying.**—Open to those who have completed course 2. Four hours per week, first semester.

ASTRONOMY.

The aim of this course is to give the student some idea of the solar system, its position with reference to the stars and the position of the Earth in its system. Some of the simpler astronomical problems, such as the determination of time, latitude and longitude, parallax, distance and magnitude are discussed. The principal constellations are located and the student made familiar with the appearance of the heavens at differ

ent times of the year. Open to all who have completed course 1 in mathematics; one year, four hours a week.

PHYSICS.

1. This course includes a thorough study of mechanics, sound and heat. A large part of the time is spent in laboratory work, and the student's conceptions of Physical Laws are developed as largely as possible from observation and experiment. Open to all students who have completed courses (1) and (2) in mathematics. Four hours a week, two of which are double hours for laboratory work. One year.

2. This course includes a thorough study of Electricity and Light. The practical applications of electricity in modern industry are given the careful consideration that they rightly deserve. Open to students who have completed course (1). Four hours a week, two of which are double hours for laboratory work. One year.

During the first year forty, and during the second year fifty, quantitative experiments are performed by the student in the laboratory, the aim being to afford a working knowledge of modern measuring instruments of precision, and to develop quantitative methods of thought and conception, as well as to discover and verify the laws of nature. Careful attention is given to the problem of errors in measurement, the student being required in each case to consider the origin of errors and methods for their elimination, and to compute probable errors of observations and results. The laboratory equipment is sufficient for thorough work in the courses offered.

LABORATORY SHOP WORK.

In response to the general demand throughout the state for Science teachers for Secondary Schools who

have had a practical training course, a students' laboratory shop has been equipped in connection with the department of Physics. A thorough course including the construction, use, and repair of Physical apparatus has been outlined to accompany the theoretical and laboratory course in Physics. If desired, the student may, in most cases, pay for actual material used and retain the model constructed.

These courses include:

(a) Practical manipulation of wood, metal, and glass, for the construction of apparatus.

(b) A study of the design and mechanical construction of various forms of apparatus adapted to demonstrations and laboratory work in High School Physics.

(c) The construction of a number of pieces of apparatus and the determination of errors.

(d) Methods and class demonstrations.

1. The subjects covered are Mechanics, Sound, and Heat, the course being parallel with course (1) in Physics. Open to Scientific students taking either course (1) or (2) in Physics. Four hours per week, two of which are double. One semester.

2. This course is similar to course (1) except that the subjects covered are Electricity and Light, the work being parallel with course (2) in Physics. Open to scientific students taking courses (1) or (2) in Physics. Four double hours a week, one semester.

CHEMISTRY.

1. General Inorganic Chemistry.—The course includes a thorough study of the principal elements and their compounds, their occurrence in nature, preparation in the laboratory, etc.; also an introduction to the study of qualitative analysis. One year, four hours per week, two hours being double for laboratory work. Required of sophomores, except where students have

already had one year in chemistry. Students entering college with one year of high-school chemistry will be excused from this course, but will not receive a credit for the same.

2. Qualitative Analysis.—Lecture and laboratory work, including the detection and separation of the metals, and the identification of the acids. Open to those who have completed course 1. One year, four hours per week, three hours being double for laboratory work.

3. Quantitative Analysis.—Lecture and laboratory work. This includes an introduction to the gravimetric and volumetric analysis, and the quantitative separation of the metals. Open to those who have completed courses 1 and 2. One year, four hours per week, three hours being double for laboratory work.

4. Organic Chemistry.—Lecture and laboratory work. This course includes a study of the aliphatic and aromatic series, with a preparation of the more important compounds. Open to those who have completed course 1. One year, four hours per week, two hours being double for laboratory work.

The chemical laboratory is well equipped for thorough work in the courses offered. Especial attention will be given to a scientific method of observation and interpretation of results. Each student will make a complete and systematic record of all his investigations.

BIOLOGY.

1. Botany.—This course includes the anatomy and physiology of plants, together with a brief course in microscopical method and histology. Lectures, laboratory and field work. Open to all college students; four hours a week throughout the year.

2. Zoology.—A study is made of typical forms of

animal life, tracing the development from lower to higher forms. Lectures, laboratory and field work. Open to sophomores, juniors and seniors; four hours a week throughout the year.

3. **Physiology.**—General physiology, including a brief study of anatomy, physiology, and hygiene. One year, four hours per week. Not offered in 1908-09.

GEOLOGY.

A general course in structural, dynamic and historical geology, also a brief course in mineralogy and crystalography. Lectures, laboratory and field work.

The library contains valuable reference works, including the state geological reports of Minnesota. There is a good collection of specimens, to which additions are made each year. Open to juniors and seniors, four hours a week throughout the year.

PHYSICAL TRAINING.

1. **Elementary.**—Required course for all women. One year, two hours per week.

2. **Advanced.**—Elective course for women. One year, two hours per week.

Under certain conditions both of these courses in Physical Training are given College credit.

SCHOOL OF MUSIC.

The School of Music.

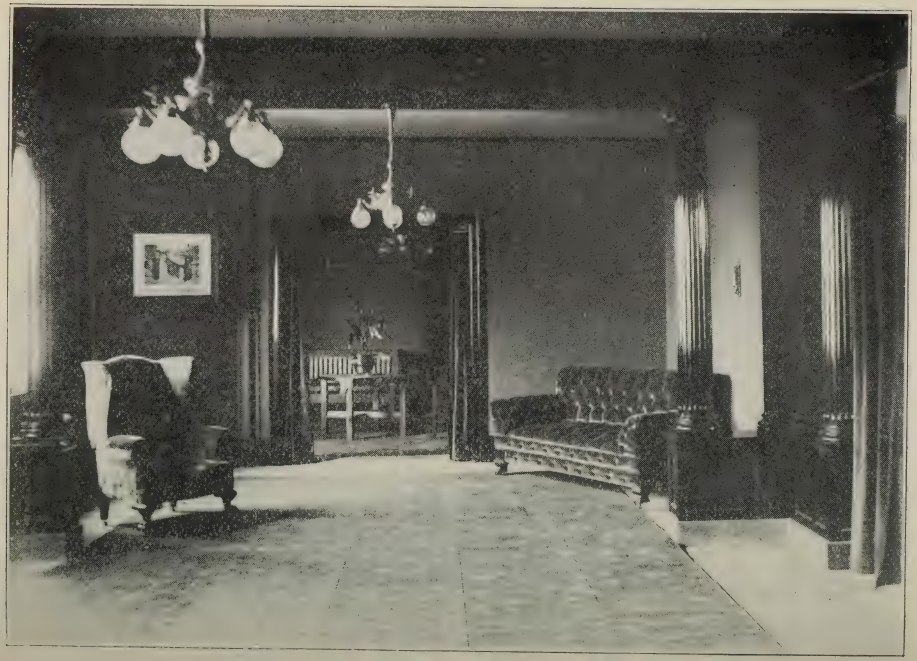
Harry E. Phillips, Director, Voice Culture. G. H. Fairclough, Piano, Organ, Theory, Chorus Work. James A. Bliss, Piano, Theory. Miss Bessie A. Godkin, Preparatory Piano.

The School of Music, now located in Wallace Hall, offers a thorough course of instruction in Voice, Piano, Organ and Violin and other stringed instruments; also a theoretical course including Harmony, Counter-point, Composition, Musical History and Analysis. In each branch of musical study a systematic course, leading to graduation, will be pursued, the time required for the completion of which will depend on the ability and application of the pupil.

Entrance Requirements.—All pupils on entering the School will be examined and classified according to their knowledge and ability.

Teacher's Certificate.—At the end of the second year certificates will be given to those wishing to teach, stating their proficiency and fitness for teaching in whatever branch they have been studying. To receive this certificate it will be necessary to have had one year of Harmony.

Graduation.—All students completing the required course of three years, in either Vocal Culture, Piano, Organ or Violin, to the satisfaction of the Director of that particular subject, and having taken a year of **Advanced** Harmony, Composition, the Forms, etc., will be granted diplomas. No diploma will be awarded unless the student has attended the School of Music at least one year, and each candidate for graduation will be required to give a complete recital program shortly before graduation and to perform at the graduation exercises.



RECEPTION ROOMS OF WALLACE HALL.

Courses of Study.

PIANOFORTE.

Individual instruction is given, and the regular course calls for one hour's instruction per week, divided into two lessons of thirty minutes each. One-half hour a week will be given, athough it is not desirable to take less than the prescribed two half hours. Where only one half-hour a week is taken, a slight increase in the price per lesson is charged.

Preparatory.—Thorough grounding in hand, finger and arm training. Rudiments of music. Easier studies to suit capabilities of each pupil. Pupils are thoroughly prepared for the entrance into the three years' course.

First Year.—Czerny Velocity Studies, Bertini, Loeschorn, Heller, etc. Bach—Little Preludes and Fugues. Sonatinas and easy Sonatas.

Second Year.—Czerny Op. 740, Cramer-Bulow, 50 Selected Studies, Heller, MacDowell, etc. Bach—Two or Three Part Inventions. French Suites. Sonatas of Mozart, Haydn and Beethoven.

Third Year.—Clementi, Tausig, Gradus ad Parnassum, Czerny Op. 740, Chopin Etudes, Kullah Octave School, Bach's Forty-eight Preludes and Fugues, Sonatas of Beethoven, Repertoire from Classical and Modern composers.

In each grade suitable pieces will be given as the pupil is ready for them.

Post Graduate.—Advanced work. Continuation of previous year. Concertos (with second piano or orchestra accompaniments.)

VOICE CULTURE.

In the department of vocal music, those methods

which experience justifies as being at once effective and artistic in their results, have been adopted. It is the policy to secure a systematic and thorough culture on the basis of the best Italian methods.

Undisciplined voices require the utmost care and attention at the very commencement of training; therefore, if the future of the voice is to be at all agreeable and pleasant, the preliminary work must be perfectly mastered before proceeding further.

1st Year.—The method book, called "Voice and Song," is a compilation of all that is best in former treatises. It sets forth in a clear, logical and uncommonly practical manner the principles of singing, and has the most satisfying directions for instruction and practice. The material in this book, with vocalises by Sieber, Conncone, and the study of songs, Ballads by Larsen, Grieg, Buck, Gounod and others, makes the first year's work complete.

2nd Year.—Studies in phrasing and rapid execution, German Songs by Mozart, Schubert, Schumann, Liszt, Franz, Beethoven, etc., also some of the lighter selections from the Operas.

3rd Year.—Oratorio, in all forms, Bach, Haydn, Haendel, Mendelssohn, Gounod, Verdi. Selections from the heavier Operas, and songs of the modern school. Frank, Wolf, Homer, Tours, Massanet, Dvorak, Ronald, Nevin, Ganz.

Every student graduating in vocal music must have at least one year of German.

PIPE ORGAN.

Before beginning the study of the Pipe Organ, the student should have had at least one year's instruction on the piano and should have a thorough knowledge of the rudiments of music. The Director of the Department is organist of two leading churches in St.

DINING ROOM OF WALLACE HALL

Paul, St. John's Episcopal and Mount Zion Hebrew Temple, at each of which places he has the use of fine, large, modern organs for teaching, and practice of pupils. Many of the younger organists in St. Paul are, or have been, pupils of Mr. Fairclough. The Temple, which possesses one of the largest three manual organs in St. Paul, and on which most of the lessons are given, is only ten minutes ride by street car from the College.

CHORAL SINGING.

Each year a Chorus is formed for the purpose of studying some sacred cantata or oratorio, which, after thorough preparation, is given in the Westminster Presbyterian Church, Minneapolis, and the House of Hope Presbyterian Church, St. Paul. The benefit of such work is of untold value to every one, whether music student or not, and is open to all students who wish to become members. No charge except for music.

RECITALS.

Students' recitals are given as often as pupils are ready to appear in public. It is the intention this coming year to make these recitals a great inspiration to the pupil and to hold them each month.

Faculty Recitals.—During the year each member of the Faculty will give a program of song, piano, organ or violin.

TERMS FOR INSTRUCTION.

Piano Preparatory, per semester:

Two 30 minute lessons per week	$28.00
One 30 minute lesson per week	17.00

Piano Advanced or Pipe Organ, per semester:

Two 30 minute lessons per week	45.00
One 30 minute lesson per week	27.00

Vocal Lessons, per semester:

Two 20 minute lessons per week	52.00
Two 30 minute lessons per week	72.00
One 30 minute lesson per week	40.00

Harmony, class lessons, per semester:

Two lessons per week	10.00

Violin, per semester:

Two 30 minute lessons per week	36.00
One 30 minute lesson per week	20.00

Rent of Piano for practice, per semester:

One hour per day	4.00
Two hours per day	7.50
Three hours per day	10.50
Four or more hours per day	12.00

Payment strictly in advance and only in case of severe illness of more than two weeks duration can any deduction be made for missed lessons. In such cases the School will share the loss equally with the pupil.

SIGHT READING.

All pupils of vocal music must have at least one year of sight reading, before receiving either a Teacher's Certificate or Diploma. The cost of these lessons will be nominal. It is impossible to sing correctly and effectively at all times without an exact and practical knowledge of music and its notations.

MUSICAL ADVANTAGE OF LOCATION.

Because of the situation of Macalester College—between the two cities—exceptional opportunities present themselves to students for hearing the best in the world of music.

Each of the cities has a magnificent auditorium and a large symphony orchestra at whose concerts such artists as Schumann-Heink, Gadski, Sembrich, Paderewski, Ganz and many more appear.

In St. Paul concerts are given by the St. Paul Choral Club of one hundred fifty voices and by the Schubert Club. The Philharmonic mixed chorus of three hundred voices, the Apollo Club of one hundred male voices and the Thursday Musicale represent the musical activity of Minneapolis.

All students who are sufficiently advanced may, upon payment of $3.00, become student members of the Schubert Club or Thursday Musicale. (Ladies' Clubs). Students should set aside a certain sum each term for the purpose of hearing at least some of the many artists who appear each year. It is by so doing, only, that pupils are able to build up the musical side of their work and to receive inspirations which never are forgotten.

The cost of sheet music for a year is comparatively small, as reduced rates are given the students.

Music students are required to take studies in the College or Academy to the number of five hours a week without extra charge.

MUSIC AS AN ELECTIVE.

Music, instrumental or vocal, may be taken as an elective in the junior and senior years, provided the student is sufficiently proficient to do advanced work. A minimum of six hours a week must be devoted to the study and it will not be accepted for more than two periods per week. The fitness of the student to take this elective will be determined by examination, and the expense of the instruction must be borne by the student.

HISTORY OF MUSIC.

In the study of the history of music Mathew's Popular History of Music and Fillmore's Lessons in Musical History are used. Students also have access to all of

the best and most complete works bearing on the study of the voice and piano.

VIOLIN.

Instruction on the violin is given by Professor William Nelson, of St. Paul, one of the most competent teachers in the city.

Satisfactory provisions will be made for those who wish to take lessons on other stringed instruments.

CLASSICAL ACADEMY.

The Academy.

FACULTY.

EDWARD C. DOWNING, PH. D., PRINCIPAL.
Latin.

ANDREW W. ANDERSON, A. M.
Bible.

DAVID NEWTON KINGERY, A. M.
Biology.

JULIA M. JOHNSON, A. M.
English and Latin.

HENRY D. FUNK, A. M.
German and History.

RICHARD U. JONES, A. B.
Mathematics.

JOHN PORTER HALL, A. B.
Greek and English.

HUGH STUART ALEXANDER, A. M.
Physics and Physical Geography.

GEORGE W. DAVIS, PH. D.
Bible and History.

MARGARET KING MOORE, B. L.
English and German.

F. D. McRAE, PH. D.
History.

GERTRUDE CRIST.
Commercial Studies.

Y. M. C. A. ROOM

Admission and Courses.

Next September the Academy will be wholly separated from the College and located on the first floor of the brick dormitory. Here a study room will be reserved and strict supervision maintained during vacant periods.

The purpose of the Academy is to prepare thoroughly for the standard courses in any college, and to provide a good general education for those who cannot continue their studies further.

The languages of the Ancient Classical Course are Latin and Greek; of the Modern Classical, Latin and German. The Scientific substitutes science for the English and history of the junior year and the Latin of the senior year.

In addition courses are offered in commercial branches. These are found under the Commercial Department.

Requirements for Entrance. All applicants for admission to the first year class are examined in orthography, elementary English and arithmetic (through proportion), descriptive geography, and United States history. Applicants for admission to higher classes will, in addition to the above, be examined in the studies of the classes below that for which they apply. Certificates are accepted in lieu of examinations in so far as they represent equivalents in time and in work of studies prescribed in the academic courses.

Students should bring with them certificates of standing and grades in schools from which they may come, stating the text-books used and the amount of time spent upon each study.

SYNOPSIS OF COURSES OF STUDY.

FIRST YEAR.	1st Sem.	2nd Sem.	SECOND YEAR.	1st Sem.	2nd Sem.
Bible,	* (1)	(1)	Bible,	(1)	(1)
Eng. Comp.,	(4)	(4)	Rhetoric,	(4)	(4)
Latin,	(5)	(5)	Latin,	(5)	(5)
Mathematics	(5)	(5)	Mathematics,	(5)	(5)
Phys. Geog.	(5)		History,	(5)	(5)
History,		(5)			

JUNIOR YEAR.

	First Semester		Second Semester.	
	Class	Sci.	Class	Sci.
Bible,	(1)	(1)	(1)	(1)
English,	(4)	(4)	(4)	(4)
Latin,	(5)	..	(5)	...
German	(5)	(5)	(5)	(5)
or				
Greek,	(5)	..	(5)	...
Mathematics,	(4)	(4)	(4)	(4)
Biology,	...	(5)	...	(5)

SENIOR YEAR.

	First Semester.		Second Semester.	
	Class	Sci.	Class	Sci.
Bible,	(1)	(1)	(1)	(1)
English,	(4)	...	(4)	...
or				
Civics and History,	(4)	(4)	(4)	(4)
Latin,	(4)	...	(4)	...
German,	(5)	(5)	(5)	(5)
or				
Greek,	(5)	...	(5)	...
Physics,	(4)	(4)	(4)	(4)
Biology,	...	(4)	...	(4)

* Figures refer to the number of hours a week for each subject.

IMPORTANT NOTE.

Because of considerable changes in the foregoing curriculum from that of past years, the following adaptations will be necessary for the coming year:

In the second year the mathematics will be elementary algebra, beginning; in place of the Roman history, Greek history will be given the first half of the year, and in place of Greek history Geometry will be given the second half of the year.

In the junior year, in place of geometry the mathematics will be algebra and geometry of the second year.

In the senior year, the courses in history and civics will be omitted and geometry will take their place four hours for the first semester and three for the second; and English will be required in both courses two hours a week.

Particular Description.

ENGLISH.

The academic course in English prepares for college entrance and at the same time offers a course somewhat complete in itself.

First Year. The first year is devoted to the study of composition, including punctuation, capitalization, etc., along with a review of English grammar. One year, four hours a week.

Second Year. In the second year the text used is Herrick and Damon's Rhetoric. Special emphasis is placed upon the study of words, figures of speech, elements of sentence and paragraph structure. Models from the required list of authors are studied. As a means of gaining facility, precision and force of expression, students are required to prepare one or more short themes weekly. One year, four hours a week.

Junior Year. Analysis of masterpieces in requirement for college admission. Training in articulation, enunciation and reading. One year, four hours a week.

Senior Year. In the senior year Painter's Introduction to English Literature is the text-book. Subjects for composition are taken from the required reading. Much attention is paid to the application of sound principles of criticism to the literature read. One year, four hours a week.

For the literature to be read before entering the freshman class, see English required for entrance.

Throughout the course constant attention is given to pronunciation, recitation, and colloquial English in order to attain, if possible, facility in the use of a cosmopolitan diction.

LATIN.

Latin is a required study in each of the academic courses. During the time devoted to this study the student is expected to acquire a large vocabulary, a wide knowledge of the rules of syntax, and the ability to convert English into the Latin idiom. These things furnish an indispensable basis for the work pursued in the college classes. Special attention is given to the forms and structure of the language, which are studied by severe methods of both analysis and synthesis. The grammar is thoroughly studied, and the memory is helped by a rational explanation of forms.

Latin Lessons. The first year is spent in the study of the declensions and conjugations, syntax and vocabulary, in making translations daily to and from the Latin, and in conversation. Five hours a week.

Caesar and Composition. The second year is devoted to careful and thorough study of Caesar and composition. Five hours a week.

Cicero and Composition. The junior year is devoted to Cicero, composition, and a more thorough study of the grammar. Four hours a week.

Virgil. The senior year is devoted to Virgil. The Aeneid is studied both textually and as literature. Four hours a week.

GREEK.

Greek is a required study alternative to German in the classical courses.

1. **Lessons.** The aim of the first year's study of Greek is to master the elements, six hundred to eight hundred carefully selected Greek words, and two or more chapters of the Anabasis. Five hours a week.
2. **Anabasis and Composition.** In this year an effort is made to read thoroughly four books of the Ana-

basis. The reading is accompanied with prose exercises and sight-reading in the fifth and sixth books. Special effort is made to master a large vocabulary. Five hours a week.

GERMAN.

German is a required study in the classical courses unless Greek is chosen.

First Year.—(a) Grammar, Spahnhoofd, (b) Glueck Auf. First semester, five hours a week.

(a) Grammar continued, (b) short stories, sight reading. Second semester, five hours a week.

Second Year.—(a) Easy German Stories, Allen & Batt, (b) Grimm's Maerchen, (c) Stern's Geschichten vom Rhein. First semester, five hours a week.

(a) Storm's Immensee, (b) Hermann und Dorothea, (c) Wilhelm Tell, (d) Stein's German exercises. Second semester, five hours a week.

MATHEMATICS.

The course in mathematics includes arithmetic, algebra, geometry.

Arithmetic is offered to students in the commercial course throughout the first year, and is open to any others who may need the review. Great familiarity with the elementary principles is required, and abundant practice in the solution of problems is given; also in business methods and customs. One year, four hours a week.

Elementary Algebra is taken up at the beginning of the first year and is continued throughout the year, reciting five times a week. The aim is to ground the student thoroughly in the fundamental operations of algebra which lie at the basis of the mathematical course.

Advanced Algebra. The work of the second year in algebra carries the student through quadratic equations. Five hours a week.

Geometry is begun in the second semester of the second year and continued through the junior year. Students are required not only to master the text-book, but also to solve numerous original problems and theorems. Four hours a week.

SCIENCE.

The academic or preparatory course in science covers in all, four years' work. It is distributed as follows:

Required of all regular students:

Physical Geography. First year, first semester, five hours a week.

Physics. Senior year throughout, four hours a week.

Required of students taking the scientific course:

Physiology. First semester, junior year, four hours a week.

Botany. Second semester, junior year, four hours a week.

Zoology. Senior year throughout, four hours a week. Not offered in 1908-09.

Chemistry. In place of zoology a year of chemistry may be taken.

Students of these branches have access to the apparatus and laboratories of the collegiate department.

It is expected that during the coming year substantial additions will be made to the physical and biological laboratories, and everything possible will be done to keep the department of science abreast of the times.

HISTORY AND CIVICS.

History. The aim of this department is the acquisition by the student of such historical and political knowledge as will be a necessary element in general

culture and a solid foundation for further studies in history and government. The method of teaching employed is that of the text-book with assigned topics for investigation. The course laid out falls under five heads as follows:

English History. First year, second semester, five hours a week.

Roman History. Second year, first semester, five hours a week.

Greek History. Second year, second semester, five hours a week.

Civics. An elementary study of the different branches of government, local, state and national in this country. Senior year, first semester, four hours a week.

Medieval and Modern History. Senior year, second semester, four hours a week.

BIBLE.

Bible is required one hour a week in each of the four years. The aim is to familiarize the students with the main facts of biblical history. The Bible is so vitally related to human progress and welfare that it justly claims a place in any course of liberal training.

Commercial Department.

The commercial department is in charge of Miss Gertrude E. Crist.

In this department the following subjects are offered: Shorthand, Typewriting, Bookkeeping, Penmanship, Commercial Spelling, Commercial Arithmetic and Commercial Law. These courses can be completed, if desired, in one year, on the completion of which a certificate will be given attesting the work done.

The commercial department occupies rooms of its own, provided with stationary desks and drawers for books and material, and with a separate room for typewriting practice in which are standard typewriters.

Graham's Standard Phonography is the system taught. There are other systems easier to learn, but, so far as demonstrated, there is no system that outranks it in speed, legibility and all-round utility. This system is used by more than fifty per cent. of all court reporters in the United States. We do not aim to compete with the "short term" schools, for the average student requires from six to twelve months to reach a speed of one hundred to one hundred and twenty-five words a minute in shorthand, new matter, and from thirty-five to forty words a minute on the typewriter on matter transcribed from notes.

The fees are the same as in the Academy. See page 76.

Students who are pursuing collegiate or academic courses may take the above commercial branches provided this can be done without prejudice to their class standing and provided further that the election is made at the time of organization of classes.

Students may enter bookkeeping, however, at any

time in the year and the progress depends entirely upon their ability and the time devoted to the study.

Expenses.

The students' fees are paid as follows:

College—At the fall opening	Tuition,	$16.00
	Incidental fee,	6.00
" At the beginning of the second semester	Tuition,	16.00
	Incidental fee,	6.00
Academy—At the fall opening	Tuition,	13.00
	Incidental fee,	4.50
" At the beginning of the second semester.....	Tuition,	13.00
	Incidental fee,	4.50

The incidental fee is charged to meet the expense of fuel and repairs, except that $1.50 of every incidental fee is devoted to athletic purposes and $1.00 for library and reading room.

Edwards Hall (for young men)—Board, per week, average .....$2.35 to 2.50

Room rent, per week..... .35

Light and heat, per week, estimated.... .25

Eutrophian Hall (for young men)—Board, per week .....$2.35 to 2.50

Room rent per week..... 1.00

A monthly rental is charged the clubs for use of dining room and kitchen.

Wallace Hall—Board per week..... 3.25

Room rent, per week, including light and heat, two in a room, each.....$1.00 to 1.50

Plain washing, dozen pieces per week... .25

Men's Dormitory—Room rent, with light and steam heat (inner rooms), two in a room, each ..... .75

Corner rooms, two in a room, each..... 1.00

Students rooming in the Men's Dormitory board at Eutrophian, in private families or in Edwards Hall.

Private Families.—Board, per week.....$3.50 to 4.00
Room rent, per week..... .75 to 1.00

Students boarding themselves may reduce the cost somewhat.

Extra Charges--

Laboratory.
Physics, Academy, per semester.....$1.00
Physics, College, per semester 2.50
Chemistry, per semester 5.00
Biology, per semester..... 1.50
Breakage of apparatus.....Actual Cost
Shop work, per semester..... 2.50
College Diploma $5.00
Academic Diploma 2.50

Each student in the College dormitories is required to deposit $2.00 as a guarantee against damage to college property, and to make it up to that amount at the opening of each semester thereafter. From this fund will be deducted (1) charges for damage for which he is personally responsible; (2) charges (pro rata) for damage done in dormitories by unknown hands. The surplus, if any, is refunded to the students at the end of the year, or when they leave the institution.

Payment of Fees: Tuition and incidental fees must be paid in advance in two instalments. See page 76.

No deductions are made except for sickness lasting a month or more.

Refunding Tuition: If a student leaves the institution at any time after entrance without the approval of the faculty or because he has been suspended or dismissed no money will be refunded. Those withdraw-

ing for other reasons, on or before the middle of a se mester, will receive an equitable rebate.

Half Rates: Sons and daughters of ministers ar charged but half the usual rates of tuition. This con cession is not limited to Presbyterian ministers.

All candidates for the ministry, of whatever churcl or denomination, receive tuition at half rates, upon th following conditions:

(1) Candidates for the Presbyterian ministry shal be under the care of Presbyteries, and shall present t the treasurer certifications to this fact from the clerks of the Presbyteries.

Candidates for the ministry of other denominations shall have their purpose to enter the ministry properly certified to by the proper ecclesiastical authorities.

(2) All such students will be held in honor bound to refund to the college treasury the amount of tuition received in the event of their abandoning their purpose to enter the ministry.

(3) Reduced tuition shall not be provided for any candidate for the ministry who indulges in the use of tobacco.

N. B.—The above concession, though made at a great sacrifice to the college, is offered cheerfully and with the purpose of enhancing, as far as possible, the usefulness of the college.

It is, however, justly expected of those who are thus helped that they will be faithful in promoting, as far as in their power, the welfare of the institution; and that they will complete their course of study at this institution.

Special Discount: Where more than one person from the same family attend college at the same time, a discount of twenty-five per cent. will be allowed on the tuition of each person after the first. This rule does not apply to those receiving half tuition.

High School Scholarships: To the person graduating with first honor in any high school, the Board of Trustees will give a scholarship which entitles the holder thereof to free tuition for the ensuing year. To the one graduating with second honor, a half scholarship will be given, which entitles the holder to half tuition for the same time. No student shall be entitled to two concessions of any kind.

The same scholarships are offered those who are graduated from the Academy with first and second honors. This year these scholarships were awarded to Ellice C. vonDorn and Hester B. Hugunin.

ROOMS.

(1) Furniture: All rooms in men's dormitories are furnished with bedsteads (two-thirds size), mattresses, commode, bowl and pitcher, study-table, book-shelves and three chairs. Students in the dormitories must provide their own bed clothing, towels, napkins, and (if they want them) carpets or rugs. In Wallace Hall there are single iron beds, mattresses, pillows, dresser, study table, two rockers, two study chairs, a lavatory with hot and cold water, steam heat and electricity. Floors are hard wood.

(2) Application: Application for room in the dormitories should be made as early as convenient to the Registrar, enclosing $1.00, which will be applied on room rent. Applicants should state in which hall they desire a room. Rooms will not be held later than the opening of the term unless the room rent is advanced for the period of delay. In case applicants fail to come, the money advanced will not be returned. Rooms will be assigned in the order of application.

(3) Payment of Room Rent: Room rent in the dormitories is payable monthly in advance.

No deduction is made for vacations during school year. Students are charged for their rooms till they are formally vacated—whether continuously occupied or not—and keys surrendered.

SUMMARY OF EXPENSES.

The net expenses for the year, including washing (reckoned at $18.00), are estimated approximately as follows:

College ..... $200 to $250
Academy ..... 190 to 225

For those who receive tuition at half rates the above expenses are reduced about $15.00.

The above does not include books, traveling expenses, and pin money.

It is the policy of the College to keep down the expenses of the students to the lowest point consistent with healthful living, good taste and reasonable comfort.

TO PARENTS.

Parents are earnestly requested (1) to note the rule of the Board requiring the payment of tuition in advance; (2) to examine carefully the reports of standing sent out at the close of each semester (half semester in the case of students of the Academy); (3) to furnish their sons and daughters with but little more money than is needed to meet the necessary expenses as stated above.

Students found to be spending money too freely will not be retained in the institution.

Parents and friends of the students are cordially invited to visit the College, when in either city, attend the classes and observe for themselves how the institution is conducted.

MACALESTER PARK AS A PLACE OF RESIDENCE.

Macalester Park is one of the pleasantest suburbs of St. Paul. It has excellent street car service; gas mains, sewers and water mains are laid in the more important streets. St. Paul is one of the most healthful cities in America, and enjoys the advantage of a bountiful supply of pure water drawn from spring-fed lakes.

Macalester Park is now connected with Minneapolis by a new and more direct street car line by way of Marshall avenue, St. Paul, and Lake street, Minneapolis.

Parents who contemplate moving to the vicinity of some seat of learning for the education of their children, are urged to consider the advantages of Macalester Park as a place of residence.

There is an excellent ward school in the neighborhood, and the local church heartily welcomes to its services all the residents of the Park.

Real estate in the Park is still very low—much lower in fact than in the larger towns and county seats of the state. Investments carefully made here could not fail to be very remunerative. Residence property can be bought at a very reasonable price.

College.

Senior Class.

George Kemp Aiken ..... Sandstone, Minn.
Hanna Sophia Berg ..... Rush City, Minn.
Ralph Brinks ..... Princeton, Minn.
Richard Stanley Brown ..... Tyner, N. D.
Edith Frederica Cale ..... Worthington, Minn.
Clifford Clement Cornwell ..... St. Paul, Minn.
Evan Milton Evans ..... Le Sueur, Minn.
Rosella Evans ..... Le Sueur, Minn.
James Todd Guy ..... St. Paul, Minn.
Margaret Elizabeth Guy ..... Austin, Minn.
Walter Mell Hobart ..... Minneapolis, Minn.
Lucy MaBelle Hyslop ..... Chester, Minn.
Nina Foy Johnson ..... Fairmont, Minn.
Margaret Edith Lakey ..... Buffalo, N. D.
Peter McEwen ..... Cavalier, N. D.
Luke Edward Marvin ..... Duluth, Minn.
Martha Bessy Olson ..... Battle Lake, Minn.
Albert Victor Alnfeld Peterson .... Minneapolis, Minn.
Stanley Hall Roberts ..... Minneapolis, Minn.
Lydia Anna Schroedel ..... St. Paul, Minn.
Clarence Mason Stearns ..... Jasper, Minn.
Robert Sinclair Wallace ..... St. Paul, Minn.

Junior Class.

George Samuel Barclay Acheson ..... Lewiston, Ill.
Emma Bertelle Barker ..... Slayton, Minn.
Lucas H. Brinks ..... Princeton, Minn.
David Roy Jones ..... Ottawa, Minn.
Ethel Bertha Jones ..... St. Paul, Minn.
Hazel Caroline Jones ..... St. Paul, Minn.
Margaret May Kennedy ..... Dickinson, N. D.
Evert Rosenkranz Lanterman ..... Mandan, N. D.
John MacDonald ..... Crystal, N. D.

Elizabeth Libby Staples .....St. Paul, Minn.

Sophomore Class.

William Jefferson Bell .....Fergus Falls, Minn.
Joseph Vaclav Beran .....Hudson, Wis.
Charles Taylor Burnley .....Hudson, Wis.
Edward Graham Campbell ...Blooming Prairie, Minn.
Edward John Carson .....Le Sueur, Minn.
Josie Evalyn Chaney.....Dallas Center, Iowa.
Albert Daniel Davies .....Minneapolis, Minn.
Ruth Minerva von Dorn .....St. Paul, Minn.
John Andrew Evert .....St. Paul, Minn.
June Rose Evert .....St. Paul, Minn.
Wilbur Mills Fisk.....Pipestone, Minn.
Jesse Willis Hamblin .....Duluth, Minn.
Helen Mary Hunt .....St. Paul, Minn.
Floretta Southwell McAllister .....Slayton, Minn.
John Archibald McEwen .....Cavalier, N. D.
Pearl Alma Nash .....Pipestone, Minn.
Mildred Gretchen Phillips .....St. Paul, Minn.
Minnie Mae Pierson .....Minnewaukan, N. D.
Fidelia Auten Pine .....St. Paul, Minn.
Lulu Lane Piper .....Berwyn, Ill.
Gladys Isabelle Roberts.....Minneapolis, Minn.
Jeannette Paulina Sawyer .....St. Paul, Minn.
Elmer Stuart Smith .....Lisbon, N. D.
Vernon Elliot Stenersen.....Zumbrota, Minn.
Elsie Roberta Sternberg .....Valley City, N. D.
Anna Elizabeth Taylor .....Austin, Minn.
Norman Kendall Tully .....Grand Rapids, Minn.
June Adelia Woodward .....Granite Falls, Minn.

Freshman Class.

Nettie May Angel.....Brainerd, Minn.
Alma Rebecca Brown.....Eden Prairie, Minn.
Homer Clyde Cardle.....Blue Earth, Minn.

Fred Franklin Carson.....Le Sueur, Minn.
Mae Pauline Chesnut.....Minneapolis, Minn.
Evan Wynne Davies.....Minneapolis, Minn.
Janet Isabella Dodds.....Claremont, Minn.
Donald Smith Doty.....St. Paul, Minn.
Effie M. Ellison.....La Moure, N D.
Hulda Olive Ellison.....La Moure, N. D.
Oscar M. Ellison.....La Moure, N. D.
Marjorie Lucy Hanson.....Warren, O.
B. William Heed.....Cokato, Minn.
Ruth Heller .....St. Paul, Minn.
Stanley Hurlbut Hodgman.....St. Paul, Minn.
William Andrew Horne.....Hallock, Minn.
Edith Gertrude Howard.....St. Croix Falls, Wis.
Ernest Wilbert Johnson.....Hyde Park, N. D.
Florence Edna McFarland.....St. Paul, Minn.
Sarah Elizabeth MacKnight.....St. Paul, Minn.
Roy Elgie Metcalf.....St. Paul, Minn.
Luella Irene Murphy.....Madelia, Minn.
Ida Anna Neverman.....La Moure, N. D.
William Earls Noyes.....Dows, Iowa.
Elwin Oscar Olderr.....Pipestone, Minn.
Adelaide Wadsworth Payne.....St. Paul, Minn.
Leland W. Porter.....St. Paul, Minn.
Iva Poston.....Aitken, Minn.
James Lester Thompson.....White Bear, Minn.
Roy DeWitt Wallace.....New York, N. Y.
Edna Frances White.....Amboy, Minn.
Annie May Woodworth.....Carlton, Minn.

Special Students.

Naomi Alice Chace.....Marshall, Minn.
Albert Howard Gammons.....St. Paul, Minn.
Mary Havreberg.....Minneapolis, Minn.
Peter MacFarlane.....Northcote, Minn.
Paul William McGeary.....St. Paul, Minn.

Sadie Juanita Myers.....Winona, Minn.
Florence Adah Nash.....Pipestone, Minn.
Gladys Adele Neff.....Neillsville, Wis.
Robert Roy Otis.....St. Paul, Minn.
Frederick Samuel Shimian.....Superior, Wis.
Minnie Mabel Tullar.....Warren, Minn.

MUSIC STUDENTS.

Preparatory.

Edythe Beachly, p.....Great Falls, Mont.
Mary Elizabeth Guy, p.....Austin, Minn.
May Hazel Heathcote, p.....Litchfield, Minn.
Bernardine Lufkin, p.....St. Paul, Minn.
Bertha Mason, p.....St. Paul, Minn.
Helen Adams MacKeen, p.....Minneapolis, Minn.
Lucile McCabe, p.....St. Paul, Minn.
Katherine Phillips, p.....St. Paul, Minn.
May Stegner, p.....St. Paul, Minn.
Mary Williams, p.....St. Paul, Minn.

Advanced.

George S. B. Acheson, v.....Lewiston, Ill.
Nettie May Angel, p., h.....Brainerd, Minn.
Marguerite C. Barnes, p.....Minneapolis, Minn.
William Jefferson Bell, h.....Fergus Falls, Minn.
Ralph Brinks, v.....Princeton, Minn.
Edward G. Campbell, p., h....Blooming Prairie, Minn.
Naomi A. Chace, p., v., h.....Marshall, Minn.
Clifford C. Cornwell, v.....St. Paul, Minn.
Mrs. Chas. W. Dade, p.....Minot, N. D.
Ethel Erkenbrak, p., v., h.....Parkers Prairie, Minn.
Grace A. Gray, p.....St. Paul, Minn.
Myrtha M. Gunderson, p., h.....St. Paul, Minn.
Marjorie L. Hansen, p.....Warren, Ohio.
Nina F. Johnson, h.....Fairmont, Minn.
Margaret E. Lakey, v.....Buffalo, N. D.

Sadie J. Myers, p.....Winona, Minn.
Florence Adah Nash, p., h.....Pipestone, Minn.
Gladys Neff, p., h.....Neillsville, Wis.
Clara Odenwald, p., v., h.....Jordan, Minn.
Maud J. Owens, p., h.....Aberdeen, S. D.
Mildred G. Phillips, v.....St. Paul, Minn.
Rhea Rhocheleau, p., h.....Lakeville, Minn.
Estelle Spayde, v.....St. Paul, Minn.
Olga Stadstad, p.....Sisseton, S. D.
Clarence M. Stearns, v.....Jasper, Minn.
Elsie Scott, p.....Dubuque, Ia.
Minnie M. Tullar, p., v., h.....Warren, Minn.
Louise Wallace, v.....Monte Vista, Colo.
Annie May Woodworth, p., h.....Carlton, Minn.

Academy.

Senior Class.

Frances Henrietta Abbetmeyer .....St. Paul, Minn.
Thusnelda Mathilda Abbetmeyer .....St. Paul, Minn.
Marguerite Camille Barnes .....Minneapolis, Minn.
Grace Stewart Barwise .....St. Paul, Minn.
Hattie Brinks.....Princeton, Minn.
James Brinks.....Princeton, Minn.
Addie Bell Brown .....Eden Prairie, Minn.
James Harry Canning .....Hendrum, Minn.
Thomas Crocker .....Minneapolis, Minn.
Ellice Churchill von Dorn .....St. Paul, Minn.
Frederick William Funk.....Alexandria, Neb.
Grace Agnes Gray .....St. Paul, Minn.
Hester Belle Hugunin .....St. Paul, Minn.
Dottie Lulu Jones .....St. Paul, Minn.
Arthur William Larson.....St. Paul, Minn.

Jennie Elizabeth Lewis.....St. Paul, Minn.
Inez Florence Little .....St. Paul, Minn.
Elmer Shepard McCourt .....St. Paul, Minn.
Robert Shepard McCourt .....St. Paul, Minn.
David Wilson .....Port Elgin, Ont.
Ralph Calvin Wilson .....Maine, Minn.

Junior Class.

Marion Azella Backus.....Minneapolis, Minn.
George Oliver Chase.....Florence, Neb.
Constance Emily Davis.....St. Paul, Minn.
Archie Earl Dean.....Clifford, N. D.
Charles Knight Elmer.....St. Paul, Minn.
Harry Foster Gale.....Hunter, N. D.
Marjorie Oram Leach.....St. Paul, Minn.
Eugene Andrew McCornack.....St. Paul, Minn.
Robert Lee McCornack.....St. Paul, Minn.
Lois Euphemia McEwan.....Alexandria, Minn.
Esther Auten Pine.....St. Paul, Minn.
Helen Shepardson.....St. Paul, Minn.
Herbert Deachman Stewart.....Galesburg, N. D.
John Van Swearingen.....Hookstown, Pa.
James Alfred Terry.....Bayfield, Wis.

Second Year Class.

Wallace Jay Anderson.....Eden Prairie, Minn.
Truman Dean Brown.....Eden Prairie, Minn.
Charles Edward Clark.....Blue Earth, Minn.
Helen Marie Dixon.....St. Paul, Minn.
Margaret McGregor Doty.....St. Paul, Minn.
Marjorie DuShane.....St. Paul, Minn.
Lloyd Gilmore.....Hope, N. D.
Edward Everett McCabe.....St. Paul, Minn.
Cyrus Alexander Montgomery.....St. Paul, Minn.
Spencer Montgomery.....St. Paul, Minn.

Lily Blanche Mowat.....St. Paul, Minn.
Claribel Perry.....St. Paul, Minn.
Dorothy Elizabeth Thomas.....St. Paul, Minn.

First Year Class.

Elof Herman David Almquist.....Thorda, Sweden.
Nettie Anna Brown.....LeSueur, Minn.
Chester Louis Coleman.....St. Paul, Minn.
Albert Henry Porter.....Duluth, Minn.
Frances Editha Cox.....St. Paul, Minn.
Herbert Otto Defiel.....St. Paul, Minn.
Margaret Marie Defiel.....St. Paul, Minn.
Albert Shumway Drew.....St. Paul, Minn.
Phyllis Atherton Drew.....St. Paul, Minn.
James Ross DuShane.....St. Paul, Minn.
Stephen Henry Dysinger.....St. Paul, Minn.
Emons Stevens Free.....St. Paul, Minn.
Helen Marguerite Fuglede.....St. Paul, Minn.
Arthur Willis Gardner.....St. Paul, Minn.
Floyd William Gardner.....Minneapolis, Minn.
Helga Thorgjerd Gronvold.....St. Paul, Minn.
Myrtha Marie Gunderson.....St. Paul, Minn.
May Hazel Heathcote.....Litchfield, Minn.
Frank Carl Horton.....St. Paul, Minn.
Verney Beam Keran.....St. Paul, Minn.
Herbert Harold McCornack.....St. Paul, Minn.
Blanche Hazel MacDonell.....St. Paul, Minn.
Walter Ernst David McGarvie.....Tamarack, Minn.
Helen Edna McGee.....St. Paul, Minn.
Helen Adams MacKeen.....Minneapolis, Minn.
Miller H. McLain.....Minneapolis, Minn.
Evalyn Margaret Moffatt.....St. Paul, Minn.
Emily Helen Payne.....St. Paul, Minn.
Karl Bowne Raymond.....Minneapolis, Minn.
Sandie James Richardson.....Austin, Minn.
Edward Carlton Roberts.....Minneapolis, Minn.

Elsie Elizabeth Scott.....Dubuque, Ia.
Gertrude Gray Smith.....St. Paul, Minn.
Gladys Dorothea Smith.....St. Paul, Minn.
Carl Andrew Stevens.....St. Paul, Minn.
John William Stuhr.....Euclid, Minn.
Clarence Oliver Taylor.....Austin, Minn.
Clinton Bradford Williams.....Minneapolis, Minn.
Edward Leon Wood.....St. Paul, Minn.

Special Students.

Alcinda Auten.....St. Paul, Minn.
Marguerite Camille Baines.....Minneapolis, Minn.
Ethel Minnie Barnes.....Ashley, Minn.
Mabel Fannie Brown.....Eden Prairie, Minn.
Eleanor Meta Cox.....St. Paul, Minn.
Ethel Rose Erkenbrak.....Parkers Prairie, Minn.
Mildred Carolina Neuenschwander....St. Paul, Minn.
Maud Jeannette Owens.....Aberdeen, S. D.
Rhea Rocheleau.....Lakeville, Minn.
Graham Walls Scott.....Austin, Minn.
Horace Josephus Snyder.....Grayling, Minn.
Olga Marie Stadstad.....Sisseton, S. D.
Louise Elizabeth Wallace.....Monte Vista, Colo.

Commercial Students.

Edward Ausgarius Anderson.....Wheaton, Minn.
Edythe Beachley.....Great Falls, Mont.
Harry John Carlson.....Brainerd, Minn.
Steele Fisher.....Armstrong, B. C.
Dixie Elizabeth Haynes.....Miles City, Mont.
Gladys Leasure.....St. Paul, Minn.
Clarabelle Leonard.....Miles City, Mont.
Percy Everett Mathews.....White Bear, Minn.
Evalyn Moffatt.....St. Paul, Minn.
Nellie Partlow.....Clear Lake, Minn.
Leo Shanahan.....St. Paul, Minn.
Melvin R. Smith.....Clay Center, Kans.
Roy Thurston.....St. Paul, Minn.

REGISTER OF ALUMNI
OF
MACALESTER COLLEGE.

Roll of Alumni.

Class of 1889.

George Washington Achard.....
.....Business, Minneapolis, Minn.
Jos. Wilson Cochran.....Minister, Philadelphia
Ulysses Grant Evans.....Minister, Derby, Iowa.
James Chase Hambleton.....Teacher, Columbus, Ohio
Benjamin Wallace Irvin.....Deceased
Samuel M. Kirkwood.....Surgeon, St. Paul, Minn.
Wm. Porter Lee.....Minister, Germantown, Pa.
Paul Erskine McCurdy....Business, Philadelphia, Pa.
Louis Ferdinand Slagle.....Deceased
Charles Albert Winter.....Business, New York City

Class of 1890.

Myron A. Clark..Sec. Y. M. C. A., Rio Janeiro, Brazil
Thaddeus T. Cresswell.....Minister, Pomona, Cal.
John Knox Hall.....Missionary, Denver, Col.
William Henry Humphrey.....Deceased
William Paul Kirkwood..Editor, Minneapolis Journal
Amos Avery Randall.....Minister, Princeville, Ill.
Judson L. Underwood.....Miss'y, Ponce, Porto Rico

Class of 1891.

Frank Brown.....Wilmette, Ill.
Walter F. Finch.....Minister, Villard, Minn.
Walfred Sunberg .....Deceased
William B. Turner.....Business, Boston, Mass.
Thomas C. Williamson.....Business, Greenwood, S. D.

Class of 1893.

James Carlisle Simonton.....Business, St. Paul, Minn.
Joseph Zoll.....Address unknown.

Class of 1894.

Francis W. Beidler.....Minister, Del Norte, Colo.
Archibald Cardle.....Minister, Burlington, Iowa.

Paul A. Ewert.....Ass't to Att'y Gen., St. Paul, Minn.
George E. Johnson.....Business, Sayre, Okla.
Sam'l M. Marsh.....Minister, Amboy, Minn.
Wm. H. Sinclair.....Minister, Clarksville, Iowa.

Class of 1895.

Frank E. Balcome.....Physician, St. Paul, Minn.
John W. Christianson.....Minister, Castlewood, S. D.
Thomas Fitz-Morris Clark.....
Minister, St. Croix Falls, Wis.
Chas. D. Darling.....Minister, Red Wing, Minn.
Ed. Howard Gordon.....Deceased.
Harry Clinton Schuler....Missionary, Teheran, Persia.
John Hansen Sellie.....Minister, Buffalo, Minn.
Nels Sunby, p. c.....Minister, Centennial, Wyoming
Arthur Whitney Vance.....
City Editor, Daily News, St. Paul, Minn.

Class of 1896.

Alexander Edward Cance.....Teacher, Sheocton, Wis.
M. M. Maxwell.....Minister, Royalton, Minn.
Samuel F. Sharp.....Minister, Alliston, Ontario,Can.

Class of 1897.

Albert Ernest Evans.....Minister, Russell, Minn.
Charles W. Hansen...Minister, Brown's Valley, Minn.
Ernest Charles Henke....Minister, Weyauwega, Wis.
George Leck.....Deceased.
John McLearie.....
Professor, State School of Mines, Rapid City, S. D.
Winifred Moore-Mace.....Beresford, S. D.
Arthur A. Palmer.....Minister, Morgan, Minn.
Charles Petran....Missionary, Aguascalientas, Mexico
Louis B. Sherwin.....Minister, Florence, Wis.
William K. Sherwin.....Minister, Ray, N. D.
Arthur G. Welbon.....Missionary, Seoul, Korea

Class of 1898.

Clarence Dwight Baker.....Deceased

Charles Warren Dade.....Minister, Rolla, N. D
Anna Moore Dickson....Teacher, H. S., St. Paul, Minn
Caspar Gregory Dickson.....
Clerk Nat. Lib'y, Washington
Nellie M. Flanders-Sherwin.....Ray, N. D.
John M. Guise.....Prin. of School, St. Paul, Minn.
Carlton Leslie Koons.....Minister, Baraboo, Wis.
Robert C. Mitchell.....Minister, Litchfield, Minn.
William James Mitchell....Minister, Brighton, Wash.
David Walter Morgan....Minister, Birmingham, Iowa

Class of 1899.

Hugh S. Alexander..Prof. Mac. College, St. Paul, Minn.
Walter Baker Augur.....Minister, Kerkhoven, Minn.
Charles Allen Clark.....Missionary, Seoul, Korea
Ralph Elmo Clark.....Minister, St. Peter, Minn.
Paul Doeltz.....Missionary, Iloilo, Philippine Islands
G. C. Edson.....Minister, Brooklyn, N. Y.
Thomas George Jamieson.....Business, Calgary, Can.
Almira F. Lewis.....Canyon City, Colo.
James Murray.....Minister, Asotin, Wash.
Samuel Merton Pinney.....
Supt. Schools, Shakopee, Minn.
Jacob Elmer Smits.....Business, Fairmont, Minn.
George Stanley..Minister, Rushford and Utica, Minn.
Murray Alberton Travis.....Minister, Aurora, Ill.

Class of 1900.

John Calvin Abels.....Minister, Moscow, Idaho
Mills Strong Grimes.....Minister, Madelia, Minn.
Ralph Emerson Herron....Business, Rapid City, S. D.
John Robert Landsborough..Minister, Oregon City, Or.
Ernest A. Oldenburg.....Minister, Valparaiso, Ind.
Mathilde Pederson.....Business, Strum, Wis.
Irving David Roach.....Business, Azusa, Cal.
William James Sharp....Minister, So. Tacoma, Wash.
Roy Walker Smits.....Supt. Schools, Kelso, Wash.

David A. Thompson..Minister, Selwood, Portland, Or.

Class of 1901.

Wm. Beckering.....Minister, Greenleafton, Minn.
Louis Benes .....Minister, Milwaukee, Wis.
Henry Roy Bitzing.....Lawyer, Mandan, N. D.
Percy Porter Brush.....Business, Minneapolis, Minn.
Charles Morrow Farney.....Business, St. Paul, Minn.
Henry D. Funk...Prof., Mac. College, St. Paul, Minn.
Nathaniel E. Hoy.....Winthrop, S. D.
Lewis Hughes .....Ottawa, Minn.
Richard U. Jones..Prof., Mac. College, St. Paul, Minn.
W. C. Laube.....Professor and Minister, Dubuque, Ia.
Millicent V. Mahlum.....Teacher, Brainerd, Minn.
William H. Travis...Minister, Pres., Palacios College, Palacios, Tex.
Lily Bell Watson.....Macomb, Ill.

Class of 1902.

Frederick Brown.....Minister, Oakland, Ind.
Robert L. Davidson.....Teacher, Kent, Wash.
Sarah A. Haines.....Moody's School, Chicago, Ill.
Grace Iddings.....Teacher, Minneapolis, Minn.
Leonard L. Mann.....Waupun, Wis.
Francis H. Newton.....Minister, Bickleton, Wash.
Winifred R. Pringle-Weber.....Bayfield, Wis.
Edgar E. Sharp.....Lawyer, Moorhead, Minn.
Benjamin Bruce Wallace.....
Prof. Wooster Univ., Wooster, Ohio.
Helen Margaret Wallace-Davies..Grand Rapids, Minn.

Class of 1903.

John Morton Davies,...Minister, Grand Rapids, Minn.
Bessie Shepard Doig-Jacobson.....Ely, Minn.
Julia Anita Elmer.....Teacher, St. Paul, Minn.

Peter Erickson.....Minister, Drayton, N. D.
Ebenezer Thomas Ferry.....Minister, Morrisville, Pa.
Emma Inez Godward.....Teacher, Plainview, Minn.
Robert McMaster Hood.....Minister, Sunset, Wash.
Peter Westin Jacobson.....Minister, Ely, Minn.
Raymond Lewis Kilpatrick.....
Student, St. Paul, Minn.
Donald Norman MacRae.....
Minister, Glace Bay, Cape Breton, N. S.
Henry Morgan.....Reporter Press, St. Paul, Minn.
Joseph E. Rankin.....Minister, Eveleth, Minn.
Mary J. Rankin....Missionary Teacher, Ozone, Tenn.
Pitt Montgomery Walker.....
Minister, Fall River Mills, Cal.
Max M. Wiles.....Minister, Chicago, Ill.
William H. Weber.....Business, Bayfield, Wis.

Class of 1904.

Grace Ivanore Chapin-Sharp.....Moorhead, Minn.
Mio Genevieve Clark.....Teacher, St. Cloud, Minn.
Peter Arthur Davies.....Theo. Student, Chicago, Ill.
Thomas Hunter Dickson.Med. Student, U. of M., Minn.
Margaret Evans Detweiler.....Lake Crystal, Minn.
William Horatio Kendall...Theo. Student, Chicago, Ill.
Alfred Edward Koenig.....Teacher, Astoria, Ore.
William Oliver Rothney.....Minister, Winnipeg, Can.
Henry John Voskuil.....Missionary, Amoy, China.
Tolbert Watson.....Medical Student, State University
Mabel Wicker.....Teacher, Hawley, Minn.

Class of 1905.

John Thomas Anderson..Theo. Student, Auburn, N. Y.
Earl Kenneth Bitzing.....St. Paul, Minn.
Eugene Erwin Bromley....Theo. Student, Chicago, Ill.
Isabelle Alice Elmer.....St. Paul, Minn.
Asa John Ferry.....Theo. Student, Princeton, N. J.
Thomas Edwin Flinn.....Med. Student, Chicago, Ill.

Ledru Otway Geib.....Teacher, Langdon, S. D.
Mary Carnahan Guy-Shellman.....
Missionary, Pitsanuloke, Siam.
Marie Grace Jamieson.....Student, Chicago, Ill.
Daniel Griffin Le Fever.....Teacher, Tyler, Minn.
James Albert Slack.....Theo. Student, Omaha, Neb.
Robert Owen Thomas.....Theo. Student, Chicago, Ill.
Jane Turnbull.....Teacher, Kerkhoven, Minn.

Class of 1906.

Levi H. Beeler.....Prin. H. S., Stillwater, Minn.
James Ekin Detweiler.....Student, Louisville, Ky.
James Hamilton.....Minister, Webster, Nebr.
Roscoe Cliver Higbee...Law Student, St. Paul, Minn.
Alexander Hood.....San Anselmo, Cal.
Paul H. Th. Rusterholz.....Teacher, Canton, S. D.
Ruth Estella Swasey-Rusterholz.....Canton, S. D.
Gordon Graham Thompson....Med. Student, Chicago.
Frank Harvey Throop.....Theo. Student, Chicago.
Margaret Turnbull.....Teacher, MacIntosh, Minn.

Class of 1907.

William Harvey Amos..Theo. Student, Princeton, N. J.
James Albert Caldwell.....Chippewa Falls, Wis.
Robert W. Davies.....Teacher, Barnesville, Minn.
Josephine Elmer.....Student, St. Paul, Minn.
Marshall Gregory Findley....Teacher, Cokato, Minn.
Richard David Hughes...Theo. Student, Chicago, Ill.
Martha Antoinette Jacobsen.....
Teacher, Rush City, Minn.
Henrietta Cecelia Lundstrom...Teacher, Dassel, Minn.
Rose Amelia Metzger.....Teacher, Drayton, N. D.
David McMartin.....Theo. Student, Louisville, Ky.
Rhoda Catharine MacKenzie....Teacher, Tyler, Minn.
Richard Samuel Nutt...Bank Cashier, Mondak, Mont.
Ole Johnson Oie.....Student, Univ. of Minn.

William Fred Pottsmith.....
Theo. Student, San Anselmo, Cal.
Mary Pauline Payne.....Teacher, Fairfax, Minn.
Minerva Schlichting.....Teacher, Hartford, Mich.
Ruth Adelia Sherrill....Teacher, Lake Crystal, Minn.
Mary Helen Smith.....South St. Paul, Minn.
Geo. Hill Smith.....Business, Minneapolis, Minn.

ALUMNI OF THE SCHOOL OF MUSIC.

Class of 1900.

Mrs. Maud Taylor-Hansen, piano.....
Brown's Valley, Minn.

Class of 1901.

Millicent Viola Mahlum, piano.....Brainerd, Minn.

Class of 1905.

Grace Taylor, voice.....
Mrs. W. H. Amos, piano.....Princeton, N. J.

Class of 1906.

Carmen Mahlum, voice.....Brainerd, Minn.
Pearl Neeb, voice.....Lewiston, Minn.
Charrie Roberton, voice.....Rushford, Minn.
Mildred Gretchen Phillips, piano.....St. Paul, Minn.

Class of 1907.

Gyda Hansen, voice.....St. Paul, Minn.
Richard U. Jones, voice.....St. Paul, Minn.

SUMMARY.

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Preparatory Specials	13	
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Total		227

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MACALESTER COLLEGE BULLETIN

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MARCH, 1909

1908-09

VOLUME V NUMBER 3

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PRESIDENT'S OFFICE

CATALOGUE

OF

Macalester College

AND

Classical Academy

1908-1909

SAINT PAUL, MINNESOTA

Entered April 29, 1905, at Saint Paul, Minn., as second class matter under act of congress July 16, 1894.

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Calendar.

College Year, 1909-1910.

May	5.	Saturday,	Senior vacation begins.
June	4.	Friday (8:00 P. M.)	Commencement of the Academy.
June	6.	Sunday (10:30 A. M.)	Alumni Sermon.
June	6.	Sunday (8:00 P. M.)	Baccalaureate Sermon.
June	7.	Monday (8:00 P. M.)	Senior Class Evening.
June	8.	Tuesday (8:00 P. M.)	Annual Recital of the Music Department.
June	8.	Tuesday,	Annual Meeting of the Board of Trustees.
June	9.	Wednesday (9.30 A. M.)	Nineteenth Annual Commencement.
June	9.	Wednesday (5:30 P. M.)	Alumni Banquet.
Sept.	13-15.	Monday-Wednesday.	Registration Days.
Sept.	15.	Wednesday (10.30 A. M.)	First semester begins.
Nov.	25-26.	Thursday, Friday.	Thanksgiving Recess.
Dec.	22.	Wednesday,	Winter vacation begins.

1910.

Jan.	4.	Tuesday (8:30 A. M.)	Session resumes.
Jan.	28.	Friday,	First semester ends.
Feb.	1.	Tuesday,	Second semester begins.
Feb.	10.	Thursday,	Day of Prayer for Colleges.
Feb.	22.	Tuesday,	Washington's Birthday.
Mar.	25-28,		Easter vacation.
June	8.	Wednesday,	Second semester ends.

Board of Trustees.

Officers of the Board.

THOS. SHAW ..... President
R. A. KIRK ..... Vice-President
B. H. SCHRIBER ..... Secretary
C. E. MACKEAN ..... Treasurer

Trustees.

TERMS EXPIRE JUNE, 1909.

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R. A. KIRK ..... St. Paul, Minn.
J. W. COOPER ..... St. Paul, Minn.
REV. JOHN E. BUSHNELL, D. D. ..... Minneapolis, Minn.
REV. A. B. MARSHALL, D. D. ..... Minneapolis, Minn.

TERMS EXPIRE JUNE, 1910.

B. H. SCHRIBER ..... St. Paul, Minn.
R. C. JEFFERSON ..... St. Paul, Minn.
REV. A. E. DRISCOLL ..... Ashland, Wis.
GEORGE W. WISHARD ..... Minneapolis, Minn.
GEORGE D. DAYTON ..... Minneapolis, Minn.

TERMS EXPIRE JUNE, 1911.

THOMAS SHAW ..... St. Paul, Minn.
A. D. THOMPSON ..... Duluth, Minn.
A. R. CHACE ..... Marshall, Minn.
THOMAS B. JANNEY ..... Minneapolis, Minn.
O. A. ROBERTSON ..... Minneapolis, Minn.

T. MOREY HODGMAN, Pres. ex-officio ..... St. Paul, Minn.

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T. B. JANNEY.
R. A. KIRK.
R. C. JEFFERSON.
H. C. SWEARINGEN.

Committee on Endowment.

R. A. KIRK.
T. M. HODGMAN.
GEO. D. DAYTON.
A. B. MARSHALL.
J. W. COOPER.
R. C. JEFFERSON.
H. C. SWEARINGEN.
THOS. SHAW.
G. W. WISHARD.

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R. A. KIRK,
T. M. HODGMAN,
T. B. JANNEY,
B. H. SCHRIBER.

Auditing Committee.

B. H. SCHRIBER,
G. W. WISHARD,
A. B. MARSHALL.

Faculty.

THOMAS MOREY HODGMAN, A. M., LL. D., President,

Mathematics.

A. B., 1884; A. M., 1890; LL. D., 1907, University of Rochester. Graduate student in mathematics in Chicago University and Cornell University. Associate Professor of Mathematics in University of Nebraska, 1884 to 1904. Professor of Inspection and Director of Summer Session, University of Nebraska, 1904-1907. Elected President Macalester College, February, 1907.
Residence, 456 Ashland Ave. N. W. Dale 2450.

JAMES WALLACE, Ph. D., LL. D., Vice President,

Professor of Greek Language and Literature.

A. B., 1874; A. M., 1877; Ph. D., 1887; LL. D., University of Wooster. Adjunct Professor of Greek and Principal of the Academy, University of Wooster, 1876 to 1886. Student in Greece, 1875-1876. Greek Language and Literature, Macalester College, 1887——. President, Macalester College, 1894 to 1906. Leave of absence, 1907-1909.

EDWARD COLLINS DOWNING, Ph. D.,

Professor of Latin Language and Literature.

A. B., University of Wooster 1885; A. M., 1888; Ph. D. 1903. Law Student 1885 to 1886. Principal of the Carthage (Mo.) Collegiate Institute, 1886 to 1888. Principal of the Toulon (Ill.) Classical Academy, 1888 to 1891. Latin Language and Literature, Macalester College, 1891——. Principal of the Macalester Classical Academy 1896-1908. Student at Rome, 1901.
Residence, 1713 Lincoln Ave. N. W. Midway 495 J.

ANDREW WORK ANDERSON, A. M., Dean,

Professor of Philosophy and Education.

A. B., University of Wooster 1889; A. M., 1892. Principal of Poland (O.) Academy, 1889 to 1891. Mental Science, Logic and Philosophy, Macalester College, 1891——.
Residence, Macalester College. N. W. Midway 486.

DAVID NEWTON KINGERY, A. M., Registrar,

Professor of Mathematics and Astronomy.

A. B., Wabash College, 1893; A. M., 1899. Teacher of Mathematics and Science, Bluffton (Ind.) High School. Mathematics and Astronomy, Macalester College, 1896——.
Residence, 135 Amherst Ave.

JULIA MacFARLANE JOHNSON, A. M.,

Dean of Women,

Professor of English Literature and Old English.

Graduate of Mt. Holyoke, 1885. Student, University of Pennsylvania, 1887 and 1888. Student, University of Cincinnati, 1889 and 1890. A. M., University of Minnesota, 1905. Professor of Latin Language and Literature in Coates College, 1890 to 1893. Graduate student, University of Minnesota, 1905——. English Literature and Old English, Macalester College, 1897——.
Residence, Wallace Hall. N. W. Midway 535 J.

REV. HENRY DANIEL FUNK, A. M.,

Professor of German Language and Literature. History.

Student Dubuque (Ia.) German Theological Seminary, 1891 to 1897. A. B., Macalester College, 1901. A. M., University of Minnesota, 1903. Harvard Summer School 1903. Graduate student, University of Minnesota 1904——. German Language and Literature, Macalester College, 1901——.

Residence, 29 Macalester Ave. N. W. Midway 483.

RICHARD URIAH JONES, A. B.,

Professor of Chemistry.

A. B., Macalester College, 1901. Graduate student, University of Minnesota, 1901 to 1902. Graduate student, University of Chicago, summer of 1908. Instructor in Mathematics and Physics, Macalester Classical Academy, 1901 to 1903. Chemistry and Physics, Macalester College, 1903 to 1906. Chemistry, Macalester College, 1906——.

Residence, Macalester College. N. W. Midway 486.

HUGH STUART ALEXANDER, A. M.,

Professor of Physics and Geology.

A. B., Macalester College, 1899. A. M., University of Minnesota, 1905. Teacher of Physics and Chemistry, Cleveland High School, St. Paul, Minn., 1899 to 1906. Physics, Macalester College 1906——.

Residence, 1596 Summit Ave.

JOHN PORTER HALL, A. B.,

Professor of Greek and Principal of the Academy.

A. B., Princeton University, 1897. Adj. Professor of Greek, Macalester College, 1897 to 1903. Instructor in Greek, Princeton University, 1903 to 1905. Greek, Macalester College, 1906——.

Residence, 1668 Princeton Ave.

GEORGE WILLIAM DAVIS, Ph. D., D. D.,

Professor of Hebrew Language and Literature. Social and Political Science. College Chaplain.

Graduate Victoria University, Manchester, England, 1882. Graduate Auburn Theological Seminary, N. Y., 1886. Graduate Student Yale University, Conn., 1888 to 1890. Ph. D., (Yale) 1891. Professor Macalester College, 1892 to 1899. D. D., Macalester College, 1901. Student College de France, Paris, 1899 to 1901. Pastor, 1901 to 1907. Professor Macalester College, 1907——.

Residence, 547 Ashland Ave. N. W. Dale 1046.

FREDERICK GIBBS AXTELL, A. M.,

Librarian. Associate Professor of Bibliography.

A. B., 1888, A. M., 1891, Wesleyan University, Conn. Graduate student in long semester, 1901-02, University of Berlin. Graduate student in Summer Quarter, 1905, University of Chicago. Librarian Macalester College, 1903——.

Residence, 68 So. Snelling Ave.

AGNES SCHINDLER PERKINS,

Associate Professor of Modern Languages.

Diplomee Royal Teachers' College, Breslau, 1887. Student at the University of Breslau, 1888. Berlin, 1889, Geneve, 1890, Sorbonne, Paris, 1891. Instructor in German and French in the High Schools of New York, 1900 to 1902, Springfield (Ill.), 1903 to 1905. Student University of Chicago, 1905. Instructor in High School, Delaware, O., 1906 to 1908.

Residence, 112 Western Ave N. Tri-State 4563.

GRACE BEE WHITRIDGE,

Physical Director for Women. Instructor in Elocution and Dramatic Art. English.

Graduate of Boston School of Oratory, 1890. Post-Graduate Student of Boston School of Oratory, 1891. Student Harvard University, 1892. Graduate New York Academy of Dramatic Art, 1899. Student of Columbia University, 1901, 1902, 1904.

Residence, 654 Hague Ave. N. W. Dale 301.

REV. FARQUHAR DAVID McRAE, Ph. D., Student Pastor,

Instructor in Apologetics and History.

A. B., Park College, 1887. A. M., New York University, 1893. Ph. D., New York University, 1896. Graduate of the Union Theological Seminary, New York, 1890. Apologetics, Macalester College, 1907——.

Residence, 41 Macalester Ave. N. W. Midway 537.

WILLIAM PAUL KIRKWOOD, A. B.,

Instructor in Journalism.

A. B., 1890, Macalester College. Mathematics and Astronomy, Macalester College, 1892-3. City Editor and literary editor, Minneapolis Journal, 1897——. Lecturer on Journalism 1907-1908, Macalester College. Instructor in Journalism, Macalester College, 1908.

Residence, 1625 Wesley St. N. W. Midway 415 J.

FRANKLIN WATERS PLUMMER, A. B.,

Instructor in Biology. Physical Director for Men.

A. B., 1908, Wabash College.

Residence, Eutrophian Hall. N. W. Midway 171 J.

MAY GIBSON, A. B.,

Instructor in Latin and English.

University of Minnesota, A. B., 1905. Instructor in Latin and German, Alexandria (Minn.) High School, 1906-8.

Residence, 312 17th Ave. S. E., Minneapolis. N. W. East 1653.

GRACE ELLA DENNY, B. S.,

Assistant Instructor in Elocution.

B. S., Columbia University, 1906. Instructor Mrs. Chapman's School for Girls 1906-7. Assistant Instructor in Elocution, Macalester College, 1907——.

Residence, 319 Pleasant Ave. N. W. Cedar 2406.

GERTRUDE CRIST,

Secretary to the Faculty, Secretary to the President.

Graduate, 1903, Central High School in the Scientific Course. Graduate, 1904, Lancaster Business College, Instructor Lancaster

Business College, 1904 to 1905. Instructor in Commercial Branches, Macalester Classical Academy, 1905——.
Residence, 1230 Dayton Ave. N. W. Midway 658 L.

HARRY PHILLIPS,

Director School of Music. Instructor in Voice Culture.

Certificate from Royal Conservatory of Music, Stuttgart, Germany, 1885 to 1889. Organist and Soloist in various churches in St. Paul and Minneapolis, 1889 to 1906. Baritone in Westminster Presbyterian Church, Minneapolis, 1906——. Director and Instructor in Piano and Voice Culture, Macalester College, 1895——.
Residence, 1722 Princeton Ave. N. W. Midway 129 J.

GEORGE HERBERT FAIRCLOUGH,

Instructor in Piano, Organ, Theory.

Certificate from Royal High School of Music, Berlin, Germany, (1893 to 1896), under Professors Barth, von Peterson, Ernest, Schelling, Piano; Bargiel and Succo, Theory; Clemens, Organ. Director of Music, Presbyterian Ladies' College, Brantford, Ont., 1891 to 1893. Organist and Choir Master, St. John's Episcopal Church, and also of Mount Zion Hebrew Temple, St. Paul, 1900——.
Residence, 546 Ashland Ave. N. W. Cedar 5258.

JAMES A. BLISS,

Instructor in Piano and Harmony.

Student of W. H. Sherwood of Chicago.
Residence, The Arcade, Minneapolis.

JANE PINCH,

Vocal Instructor.

Three years in Conservatory of Music at Ripon College, Wis., under Dr. D. S. Stillman and Mr. Ellenberger, followed by one year under Signor Vittorio Carpi, of the Chicago Conservatory of Music, and Mr. Young, of Chicago.
Residence, 872 Dayton Ave.

BESSIE A. GODKIN,

Instructor in Preparatory Piano.

Pupil of C. G. Titcomb seven years. Special work, New York City, two years.
Residence, 1048 Van Slyke. N. W. Dale 2661.

WILLIAM WARVILLE NELSON,

Instructor in Violin, Composition, Orchestration.

Pupil of Leopold Kramer, Chicago Orchestra, Violin. Pupil of Samuel Baldwin, New York, Harmony, Composition and Orchestra.
Residence, 1821 Selby Ave. N. W. Cedar 4924.

NELLIE T. KREBS,

Instructor in Public School Music and Methods.

Special work for four years with Elsie Shaw, supervisor of Music in public schools of St. Paul.
Residence 776 Fairmount Ave. N. W. Dale 3014.

JOHN K. RYDER,

Violoncello, Mandolin, Guitar, Banjo.

Committees of the Faculty.

Rules and Discipline.

THE PRESIDENT
E. C. DOWNING
JULIA M. JOHNSON
A. W. ANDERSON
J. P. HALL

Curriculum.

H. D. FUNK
D. N. KINGERY
G. W. DAVIS
R. U. JONES

Library and Reading Room.

A. W. ANDERSON
G. W. DAVIS
JULIA M. JOHNSON
H. D. FUNK
F. G. AXTELL
AGNES S. PERKINS

Gymnasium and Athletics.

J. P. HALL
R. U. JONES
F. W. PLUMMER
H. D. FUNK
GRACE B. WHITRIDGE

Public Exercises.

E. C. DOWNING
H. E. PHILLIPS
JULIA M. JOHNSON
GRACE B. WHITRIDGE

Publications.

E. C. DOWNING
J. P. HALL
D. N. KINGERY
THE PRESIDENT

Matriculation.

THE PRESIDENT
J. P. HALL
D. N. KINGERY
A. W. ANDERSON

Religious Work.

F. D. McRAE
H. S. ALEXANDER
G. W. DAVIS
ADVISORY MEMBERS:
DR. J. E. BUSHNELL AND DR. H. C. SWEARINGEN

Dormitory.

THE PRESIDENT
H. S. ALEXANDER
JULIA M. JOHNSON
F. W. PLUMMER

Supervision of Buildings.

R. U. JONES — D. N. KINGERY
THE PRESIDENT — SAMUEL M. COOKMAN

Teachers' Bureau.

D. N. KINGERY — R. U. JONES
JULIA M. JOHNSON — E. C. DOWNING
A. W. ANDERSON

College Council.

THE PRESIDENT — A. W. ANDERSON
D. N. KINGERY — GRACE B. WHITRIDGE
LUCAS BRINKS.....Senior Representative
WILLIAM J. BELL.....Junior Representative
LELAND W. PORTER.....Sophomore Representative
ROY CLARK.....Freshman Representative
A. E. DEAN.....Academy Representative
BLANCHE MOWAT.....Academy Representative

Other Officials.

Housekeeper of Wallace Hall.....MISS ALICE M. CLOUGH
Steward of Edwards Hall.....A. H. GAMMONS
Steward of Eutrophian Hall.....E. W. JOHNSON
Head Engineer .....SAMUEL M. COOKMAN
Head Janitor .....H. G. BOSLEY

General Information.

Historical Sketch.

Macalester College is the outgrowth of the Baldwin school of St. Paul, projected by Rev. Edward D. Neill, D. D., as far back as 1853; and of a similar institution opened in 1873 by the same gentleman in Minneapolis. The former school received its name from Matthew W. Baldwin, of Philadelphia, a liberal contributor to its founding and support. The latter received its name from Charles Macalester, also of Philadelphia, who donated for its use a valuable property once known as the Winslow House, located near the Falls of St. Anthony in Minneapolis. The institution springing from the union of these two schools was moved to its present site and opened in 1885 with a Collegiate Department. The Minneapolis site was sold and Macalester College and Classical Academy placed under the supervision of the Synod of the Presbyterian Church of Minnesota during this same year.

Rev. Dr. Neill, the founder of the college, born in Philadelphia in 1823, graduated from Amherst in 1842. After completing his theological studies under Rev. Albert Barnes, he came west, and in 1849, commissioned by the presbytery of Galena, Ill., came to St. Paul as a missionary to the whites. Thereafter until his death (except during the civil war) he devoted his time about equally to the work of the Christian minister and to that of an educator. He was the first territorial superintendent of public instruction and the first chancellor of the state university. He is the author of Neill's History of Minnesota, and also of two volumes of valuable historical monographs. He died Sept. 26, 1893.

Next to Dr. Neill, in point of disinterested service for the college, stands Rev. Daniel Rice, D. D. Educated at Amherst College and at Andover Seminary, after long and useful service in Ohio and Indiana, he came to Minnesota in 1875. The late years of his life (1879-1889) he devoted wholly and gratuitously to the upbuilding of this institution of which he was an honored trustee and professor.

Others most actively interested in the establishment of Macalester College were William C. Baker, Richard Chute, W. W. McNair, John S. Pillsbury, Judge C. E. Vanderburgh, Rev. J. C. Whitney, Hon. Eugene M. Wilson, Rev. Robert F. Sample, Henry J. Horn, Henry M. Knox, H. L. Moss, ex-Governor Alexander Ramsey, Robert P Lewis, H. K. Taylor, Thomas Cochran, and Major B. F. Wright. Later, the College found warm friends and supporters in Rev. David James Burrell, D. D., and Rev. J. B. Donaldson, D. D., for several years president of the Board of Trustees. This list would not be complete without mention of the name of James Wallace, Ph. D., acting president 1894-1900 and president 1900-1906, whose faith and loyalty never faltered during the dark days following the panic of the early nineties. A number of the trustees were honored sons of Eastern colleges, such as Amherst, Hamilton, Williams, Lafayette, University of New York, Union and others. The purpose, therefore, in the minds of these men was to build up in the Northwest an institution after the noble character and aims of these institutions whence they came. This was their ideal.

Their successors on the Board have labored earnestly to realize this ideal. They seek to make Macalester College a center of culture and warm Christian influence, a school to which parents may confidently commit their sons and daughters, not only for thorough educa-

tion, but also for the safeguarding and development of character.

It was during the incumbency of Dr. Wallace that the debt of $180,000, accumulated in the years of panic, and which threatened the existence of the College, was liquidated, restoring the credit and courage of the institution, and opening the way for the beginning of a permanent endowment. The debt of gratitude which Church and College owe a number of gentlemen—many of them members of the present Board of Trustees—who made possible such a happy issue, is not yet fully appreciated and can never be repaid. Their patience, devoted loyalty and heroic sacrifices have wrung victory out of what most men regarded as hopeless defeat. Since 1900 two attempts to complete specified endowments have been made, neither of which was completed. About three years ago a third campaign was begun and in January, 1907, the amount pledged exceeded $200,000. In February of that year, a St. Paul gentleman raised his pledge to $50,000. During the spring of 1908 a New York gentleman made a conditional offer of $10,000 for a Bible Training Department and Mr. O. A. Robertson of Merriam Park, an honored trustee, gave $20,000. At this same period the General Education Board, because of the strength of the college's constituency, offered $75,000, provided a total of $450,000 was attained, of which amount $150,000 should be put into new buildings and $300,000 into income-producing endowment. $95,000 included in this total has already been expended in the new dormitory for women, Wallace Hall, and in permanent improvements. Allowing for some inevitable shrinkage in pledges, the Trustees confronted the present school year with a balance of $100,000 yet necessary to be raised by June, 1909.

Recently a St. Paul friend has pledged $50,000 and two Minneapolis friends have each pledged $10,000.

These responses to their appeals have been so generous that they now definitely pledge the completion of the $450,000 well within the time limit. At once the Carnegie Science Hall will be started and pushed to completion this year. It is confidently expected that a new central heating and power plant and a new gymnasium for men will arise in the near future. Macalester, after twenty years of struggle, is now hopeful and courageous because builded on the rock of sacrifice, honorable conduct and financial security. It celebrates its Quarter Centennial in June, 1910, at which time a history of these years of bitter defeat and triumphant victory will be published.

By a provision of the charter amended in 1885, two-thirds of the trustees shall be members of the Presbyterian church. But in its instruction and internal administration, the College is wholly non-sectarian and all its privileges are available to students of other faiths on equal terms.

The corporate name of the institution is Trustees of Macalester College.

Legal Form of Bequest—I give and bequeath to the Trustees of Macalester College of St. Paul, Minn., duly incorporated under the laws of Minnesota, the sum of ..... dollars.

The Presidents who have served Macalester College are:

Rev. Edward Duffield Neill, D. D., 1873—1884, before the opening of the College.

Rev. Thomas A. McCurdy, D. D., 1884—1890.

Rev. David James Burrell, D. D., 1890—1891.

Rev. Adam Weir Ringland, D. D., 1892—1894.

James Wallace, Ph. D., LL. D., acting president, 1894—1900; president, 1900—1906.

Thomas Morey Hodgman, LL. D., 1907—.

Location.

Macalester College is located in Macalester Park, a beautiful suburb in the so-called Midway district, between the Twin Cities of Minneapolis and Saint Paul. Although this district is now experiencing a rapid growth and is destined to be the choice residential section of these cities, the College is still away from the distractions and temptations of city life. There are no saloons or other places of temptation in the vicinity. The location is favorable for study, for the development of a pure and wholesome college life, and for careful supervision of the conduct of the students. Easy access to these cities, however, is afforded by the Grand Avenue and Snelling Avenue electric lines—the latter of which connects with all three of the interurban electric lines. This combination of college and city life is a unique advantage to Macalester students. The cultural opportunities which the public libraries, churches, lecture courses and musical entertainments of these cities offer, are important and react most beneficially upon both faculty and students.

Campus.

The campus contains forty acres with a frontage of six hundred and sixty feet on Summit Avenue—a fine boulevard two hundred feet in width, which connects the Twin Cities. The College buildings, seven in number, are situated on the Summit Avenue side of the campus, while the ample athletic field, grove of oaks and ice skating rink occupy the southern half.

Buildings and Equipment.

The Main Building is of brick, one hundred feet long and fifty feet wide, three stories high with basement, containing class rooms, society halls, men's gymnasium, library, reading room, auditorium and executive office.

The building is heated by steam and provided with its own electric light plant.

The Gymnasium is in the basement of this building, a hundred feet long and fifty feet wide, with ceiling seventeen feet high. It contains four hand-ball courts, ladders, a lavatory supplied with hot and cold water and shower baths. It is large enough to admit of basket ball practice and affords ample facilities for healthful athletic exercise.

The Library contains about ten thousand six hundred volumes, not counting duplicates, most of it classified on the Dewey system. The department of bound periodicals already comprises over one thousand volumes. The Neill Collection includes rare works in Puritan and Colonial history, and theology, and in early American travels, together with examples of fifteenth and sixteenth century printing and valuable autograph letters.

A large room on the third floor affords excellent accommodations for both Library and Reading Rooms, and is open every school day throughout the college year.

Sixty-five current periodicals are on file in the Reading Room.

There is set apart each semester, for the purchase of books and binding of literature, one dollar of every incidental fee.

Mrs. Noyes has presented from the library of her late husband, Daniel R. Noyes, one hundred and eighty volumes.

Rev. W. R. Kirkwood, D. D., has presented thirty volumes in political economy and philosophy.

The Library is conducted on approved modern lines of helpfulness by a trained librarian, who gives his entire time to this work. As associate professor of bibliography, the librarian gives systematic instruction to

the incoming classes on the care and use of books. It is planned to enlarge this instruction in the near future. It is believed that in efficiency this library ranks high among college libraries.

The Men's Dormitory is a three-story brick building, ninety feet long by thirty-eight feet wide. The second and third floors contain twenty double rooms designed to accommodate two students each. The rooms are furnished with plain, substantial furniture, are well lighted and thoroughly comfortable. In the basement are the physical and biological laboratories, and printing office. This hall is for men exclusively.

The building is heated with steam, and lighted with gas. Students must care for their own rooms or arrange with some one to do so. Rates per week are from seventy-five cents to one dollar.

Wallace Hall is a new building for women, situated at the corner of Summit and Macalester avenues, 60 by 127 feet, and so arranged that sunlight falls into every room. In addition to the students' rooms there are elegant parlors, a dining room that seats one hundred, and a large gymnasium in the basement. The classes for the physical training of women are held here. It is heated by steam, lighted by electricity, has hot and cold water in every room, shower and tub bath facilities. It accommodates ninety women. The whole building has every modern appointment and is absolutely fireproof. It is believed that no building of its kind west of Chicago can approach it or be compared with it in plan and equipment. Choice of rooms will be given in order of application. Rates range from one dollar a week to a dollar and a half.

Edwards Hall is a substantial three-story dormitory for men, on Macalester Avenue, one block south of the college. It is named after W. C. Edwards, Esq., of St. Paul, through whose liberality it was erected. It

WALLACE HALL.
WOMEN'S DORMITORY AND SCHOOL OF MUSIC.

furnishes accommodations for twenty-two men, and sets tables for forty. The plain, but excellent accommodations provided in this building and offered at very moderate rates have proved a great boon to students who find it difficult to meet the expenses of a college education. The students in this building form a club and manage the boarding department under a matron and other officers of their own choice, subject to the general supervision of the faculty. Room rent is thirty-five cents a week.

Eutrophian Hall is a frame dormitory at the corner of Summit and Snelling avenues. It is heated by a furnace, lighted by gas, and accommodates twenty-five men. It has bath room, lavatory and toilet facilities. The kitchen and dining room are managed on the cooperative plan by the Eutrophian Hall Club. The rooms are furnished similarly to those in the men's Brick Dormitory.

The Chemical Laboratory, the gift of Hon. Henry L. Moss, is a brick structure well equipped with apparatus and office facilities for both required and elective courses in chemistry. The laboratory facilities in all branches of science are inadequate to the growing needs of the institution. Fortunately this condition of affairs will soon be remedied. The Carnegie Science Hall, which, it is expected, will cost $50,000, with $10,000 for equipment, will be started this spring and pushed to speedy completion.

Residences.—The college owns two excellent buildings, used as residences for the professor of Physics and the professor of German. One of these is on the campus fronting Summit Avenue, and the other is on a lot owned by the college on Macalester Ave.

These seven buildings with their furnishings, laboratory equipment, library, together with the campus, are conservatively estimated at $275,000.

Administration.

In the administration of the college, appeal is made to the self-respect and honor of the students. They are constantly encouraged to guard well their honor and that of the institution, to maintain a wholesome esprit de corps.

Some regulations, however, are necessary, and when students matriculate it is understood that they thereby submit themselves to the government of the college and pledge themselves to support the same while they are members of the institution. They are expected, and, by virtue of their matriculation as students of the institution, are understood to obligate themselves to act as ladies and gentlemen, to be faithful in attendance upon recitations, examinations, daily morning prayers, and Sunday morning service, and to be diligent in preparation of all tasks assigned.

Students whose influence is found to be hurtful, even though guilty of no serious breaches of order, will not be retained in the institution.

Religious Activities.

Devotional exercises are held in the college chapel daily at 10 A. M., at which all students are required to be present. These exercises are under the direction of a regularly appointed college chaplain. All students are expected to attend public worship each Sabbath morning. Those living in the dormitories are expected to attend the Macalester Park Presbyterian Church unless excused, for good reason, to worship elsewhere. The pastor of this church is an instructor in the college and, by appointment of the board, also Student Pastor. Each fall, under his direction, a series of special evangelistic meetings are held under joint arrangement between the church and the college. A year ago Dr. J. Beveridge Lee conducted these services, while, last fall, Dr.

James R. Pratt was the leader. In this church special classes are organized for the students in the Sunday school, and the Christian Endeavor Society is largely composed of students. The Christian Associations of the college are large and active. The Y. M. C. A. has a membership of about forty students. It holds its regular meeting every Tuesday evening with missionary and Bible study classes at regular intervals. A committee of the association is present at the college two or three days before the opening to assist the new students. The President of this Association is Mr. J. W. Hamblin.

The Y. W. C. A. is also large and aggressive, with similar Bible study and missionary classes. The President is Miss Elizabeth Taylor. The Y. W. C. A. and the Hyperion Literary Society occupy a commodious and handsomely furnished room in the Main Building. In this building also a similarly furnished room is under the joint control of the Athenaean Society and the Y. M. C. A.

The Student Volunteer Band completes the religious organizations of the college.

Literary Societies.

Three literary societies and one debating club are in operation under the general oversight of the faculty. In the collegiate department there are the Hyperion Society, admitting to membership both young men and young women; the Athenaean Society, for young men; the Clionian Society, for young women; and in the Academy, the Parthenon, open to all students of this department.

No literary society or other organization may be established without the consent of the faculty.

Oratorical Association.—This association seeks to promote an interest in Oratory. The interests of the

College in the state association are under the control of this association. By means of a preliminary contest it selects one member to represent the College at the State oratorical contest. Albert H. Gammons took first place in the last local contest.

Prizes and Scholarships.

Through the kindness of some of its friends the College is able to announce a number of prizes as follows:

Noyes Prizes.—Mr. D. R Noyes of St. Paul offers one hundred dollars annually to be given in prizes as the Faculty may direct. The Faculty has apportioned the prizes as follows: To that member of the sophomore class having the highest standing in the first two years of the college course, twenty-five dollars; to that member of the junior class having the highest standing for that year, twenty-five dollars; to that member of the graduating class taking the first honors, fifty dollars. Students competing for these prizes must be without conditions.

Last year the senior prize was awarded to Lydia A. Schroedel, the junior to Ethel Jones, and the sophomore to Ruth von Dorn.

Stringer Prize.—Through Mr. E. C. Stringer of St. Paul, the College is able to offer an annual prize of twenty-five dollars, to be given to that student of the College who, having not less than fourteen recitations a week, takes the first place in the preliminary oratorical contest mentioned above, and represents the college in the state contest.

Edwards Medal.—By the gift of Mr. W. C. Edwards of St. Paul, that member of the senior class of the Academy who is graduated with the highest standing receives a gold medal. This prize was awarded last year to Ellice von Dorn.

Shaw Scholarship.—Given by Prof. Thomas Shaw of St. Paul, to the nominee of the Central Presbyterian Church of St. Paul, yielding $50.00 per annum. Awarded this year to A. W. Larsen.

Ministerial Scholarships.—Given by Board of Education of the Presbyterian Church to candidates for its ministry.

Silliman Scholarship.—Offered by H. B. Silliman, of Cohoes, N. Y., and yielding $50.00 per annum. Awarded this year to E. W. Johnson.

Physical Training and Athletics.

Athletics and careful physical training are encouraged, and three dollars of the incidental fee for each semester are set apart for the support of athletics. Students are thereby entitled to admittance to all athletic contests and to the use of the gymnasium and skating rink. The athletic field is enclosed, and contains about five acres. There are a number of lawn tennis courts. A large skating rink has been provided in the midst of the oak grove at the south of the campus, and has been very popular. Classes in physical training are conducted by Miss Whitridge for young women in the gymnasium of Wallace Hall. A trained coach for gymnasium and field sports for men is provided. The physical director is a regular member of the faculty.

Registration.

Students are required to register by the beginning of each semester. A fine of twenty-five cents a day will be levied in case of tardy registration, unless remitted by the matriculation committee for satisfactory reasons.

A student who has failed in more than half the work of the first semester, counted by hours, may not register for the second semester.

The prospective student will facilitate registration by procuring from the College an application blank on which his principal or superintendent should fill in the student's credits. This blank should be returned to the Registrar the first of September.

Examinations and Reports.

Examinations are held at the close of each semester. A record is kept of each student's grades, a copy of which is sent to the parent or guardian at the close of each semester. Quarterly reports are made of academic students. If these are not received the fact should be reported to the registrar.

Students who fail in term grade or in both the regular and delinquent examinations, must take the subject again in class.

For private and delinquent examinations a fee of fifty cents shall be paid for each examination to the Secretary of the Faculty, who shall thereupon issue a permit. Private examinations will be authorized by the Faculty only and for the most urgent reasons stated in writing.

Examinations for delinquents will be held on the second Monday of each semester at 2 p. m. Attendance upon these examinations is obligatory.

Degrees.

Graduates from the Classical courses receive the degree of A. B.; those from the Scientific courses the degree of B. S.

No student shall be entitled to graduate who shall not have been attending the College at least one year.

Teachers' Bureau.

The college maintains a reliable teachers' bureau as a means of communication between graduates and

superintendents and school boards desiring competent teachers. Graduates will not be recommended to positions for which they do not give good evidence of fitness. This service is given without charge. Those desiring to make inquiry in regard to teachers should address The Teachers' Bureau, Macalester College, St. Paul, Minn.

Publications.

The following publications are issued from the college:

The College Catalogue, which is one number of **The Macalester College Bulletin,** an eight page monthly paper devoted to the advertisement and advancement of the institution. Three thousand copies are issued and sent to the alumni, ministers, general friends, and prospective students. It is hoped that all who may feel so inclined will subscribe for the paper (50c.), and thus help to keep the college before its constituency.

The Y. M. and Y. W. C. A. Handbook, a booklet full of information for new students, and a veritable vade mecum for all.

Books and Stationery.

A book and stationery store is conducted at the College. When obtainable, second-hand books are kept in stock, and old books are taken in exchange or purchased on as liberal terms as the business will permit. Students are thereby enabled to effect a considerable saving on their book expense.

Self-Support.

Students desiring to do something towards defraying their own expenses can usually find some way of doing so. Many find work on Saturdays, in stores and

other places of business, and have thus paid a large part of the expense of their board. Others have earned their board by working mornings and evenings. It is seldom that any worthy, capable student with energy and tact fails to find some means by which he may work his way through college, provided the long summer vacation is improved to increase his income.

The Y. M. C. A. employment bureau has been organized to assist students in finding work. There are opportunities in stores and offices, care of furnaces, as waiters in clubs and carriers of newspapers, and in many other ways dependent upon the student's fitness. Valuable suggestions as to employment and the financial side of college life are gladly furnished to prospective students on application, and every effort to assist the new-comer is cheerfully made. Address all communications to Chairman Employment Committee, Macalester College, St. Paul.

Telephone.

The college may be reached by the Northwestern Telephone, Midway 486, which is also the call of the Dean of the College. The President's residence call is Dale 2450. Wallace Hall is Midway 535-J, and that of Eutrophian Hall, Midway 171-J.

Edwards Hall has the Tri-State Telephone, 6128.

SKATING RINK.

COLLEGE OF LIBERAL ARTS.

Courses of Study.

The College of Liberal Arts embraces the following general courses:

I. The Classical Courses, leading to the degree of A. B. In these courses, Latin must be continued throughout the freshman year, and the other language offered for entrance, usually Greek or German, must be continued to the close of the sophomore year.

II. The Scientific Courses, leading to the degree of B. S. In these courses, mathematics must be continued throughout the freshman year. In addition, four sciences are required before the end of the course, a year's course in each of three and a two years' course in the fourth.

A total of 138 semester hours is required for graduation in the above courses.

On entrance, the student makes choice of one of the above courses Thereafter deviation from the course chosen must be with consent of the faculty upon written application stating reasons.

Preparation for the Study of Medicine.—The work in Biology and in Chemistry (over three years in the laboratory) furnishes rare preparation for those who intend to study medicine.

Preparation for the Study of Law.—The required studies in Political Economy and Social Science and the electives in Forensic Oratory and Constitutional History offer an admirable course to those who are preparing for law. Students who, while pursuing certain studies in college, would like also to take up the study of law, find excellent opportunity of doing so in connection with the St. Paul Law School, which gives all its lectures in the evening in the City Hall, but twenty-five minutes' ride from the college.

Preparation for Teaching.—Attention is called to the excellent courses in Education open to students who in-

tend to teach. The College seeks especially to meet the needs of such. The courses in Psychology are thorough and extensive and relate themselves closely to Education. It is expected to supplement the class-room work with lectures by teachers of large experience. A course is now offered in laboratory shop work. This course affords those who are intending to teach science an excellent opportunity for practical experience and preparation.

Preparation for the Christian Ministry.—The Bible study required through the course, and the electives in Greek Testament, Hebrew, and Literary Study of the Bible, offer a course unusually well adapted to those who have the gospel ministry in view. Those, too, who are preparing to be missionary teachers will find in the wide range of Bible study pursued in the college an indispensable and very attractive adjunct to their course.

Senior Electives for Medical Students.—Students intending to study medicine, who are obliged to shorten their course in preparation, may in the following manner save one year while still obtaining their degrees. After completing three years of the college course and being enrolled for the fourth year, they may take the first year of the medical course in any medical school approved by the faculty, in place of the work of the senior year. This will be permitted subject to the following conditions: first, the required studies of the college must be completed in every case; secondly, a certificate must be presented from the medical school, showing the successful completion of the work of the first year in that school.

Partial Courses.—With the approval of the faculty, students who are not looking forward to a degree may be admitted to select courses for which they have sufficient preparation.

Admission from the Academy.—Graduates from the Academy are admitted, without examination, to the college course for which they are prepared.

Admission from High Schools and Academies.—Graduates from accredited four-year high schools and academies are admitted to the freshman class without condition, provided that 30 credits (15 units) are submitted. By a credit is understood five recitations a week for eighteen weeks or equivalent. Graduates of unaccredited high schools will have their credits evaluated by the Dean and heads of departments.

Students submitting less than 30 credits may make up their deficiencies in the Academy. Unconditioned freshmen, who are candidates for the B. A. or B. S. degrees, but lack certain preparatory courses, may take these courses in the Academy without extra tuition. Students intending to take the B. A. degree are advised to present not less than 20 credits in the following required subjects:

English 6, Latin 8, Algebra 3, Geometry 3.

And of the following enough to aggregate 10 credits:

History 2 or 4.	Chemistry 2.	Physiology 1 or 2.
German 2 or 4.	Botany 1 or 2.	Zoology 1 or 2.
Greek 2 or 4.	Physics 2.	Physical Geography 1 or 2.
French 2 or 4.	Civics 1.	Manual Training 1 or 2.

Those wishing to take the B. S. degree are advised to present not less than 18 credits in the following required subjects:

Latin 2.	Mathematics 6.
English 4.	Physics or Chemistry 2.
German 4.	

And enough of the following courses to total 12 credits:

Botany 1 or 2.	Manual Training 1.
Physical Geography 1 or 2.	History 1, 2 or 3.
Physiology 1.	German 2 or 4.
Zoology 1.	Greek 2 or 4.
Civics 1.	French 2 or 4.

It is recommended that students planning to enter Macalester College arrange their studies as nearly as possible according to the following course.

I. English:

Grammar, and Analysis, including Orthography, Punctuation.

Rhetoric and Composition.

Literature. This examination is based on a careful study of: Shakespeare's Macbeth; Milton's L'Allegro, Il Penseroso, Comus, and Lycidas; Burke's Speech on Conciliation with America; Macaulay's Essays on Addison and Milton, and a careful reading of: George Eliot's Silas Marner; Pope's Translation of the Iliad (Books i, vi, xxii, and xxiv); The Sir Roger de Coverley Papers in the Spectator; Goldsmith's Vicar of Wakefield; Scott's Ivanhoe; Shakespeare's Merchant of Venice; Cooper's Last of the Mohicans; Tennyson's Princess; Coleridge's Rime of the Ancient Mariner.

No candidate will be accepted in English whose work is seriously defective in point of spelling, punctuation or grammar.

II. Mathematics:

Algebra: Elementary (one year).

Algebra: Higher, through Quadratics.

Geometry: Plane and Solid.

III. Latin:

Grammar and Lessons (one year).

Caesar: Four books of the Gallic War.

IV. Science:

Elementary Physics or Chemistry: one year.

V. History:

Greece: Morey's, Oman's, or their equivalent.

Rome: Morey's, Allen's, or their equivalent.

England: Any standard text-book.

VI. Geography:

Physical Geography: Dryer's, Tarr's, Davis', or their equivalent.

In addition to the above there is required for the

Classical Courses.

I. Latin: Cicero: Six orations.
Virgil: Six books of the Aeneid.

Prose Composition, based on Caesar.

II. *Greek:

Grammar and Lessons (one year),
Xenophon: Four books of the Anabasis.
Prose Composition, based on the Anabasis.

III. *German:

Grammar and Lessons: Spahnhoofd or Becker.
Reader: Glueck Auf, or its equivalent.
Literature: Storm's Immensee, Wilhelm Tell and Hermann und Dorothea, or the equivalent of these.
Composition: Simple prose.

Students deficient in Greek or German see preceding paragraph on Admission from High Schools and Academies.

And for the

Scientific Courses.

I. German: Same as above.

II. Science: Physiology, Botany and Zoology, one-half year of each.

*One of these languages must be chosen.

Synopsis of Courses of Study.

Freshman Year.

First Semester.		Second Semester.	
REQUIRED:		REQUIRED:	
Bible, 2.*	(1)	Bible, 2.	(1)
English, 1.	(3)	English, 1.	(3)
Oratory, 1.	(2)	Oratory, 1.	(2)
ELECTIVE:		ELECTIVE:	
GROUP I.		GROUP I.	
Mathematics, 1.	(4)	Mathematics, 2.	(4)
Biology, 1, 2.	(4)	Biology, 1, 2.	(4)
Chemistry , 1, 2, 4, 5.	(4)	Chemistry, 1, 2, 4, 5.	(4)
Latin, 1.	(4)	Latin, 1.	(4)
History, 1.	(4)	History, 1.	(4)
GROUP II.		GROUP II.	
Latin, 1.	(4)	Latin, 1.	(4)
Greek, 1, 1a.	(4)	Greek, 2, 2a.	(4)
French, 1.	(4)	French, 1.	(4)
German, 1, 3.	(4)	German, 1, 4.	(4)

Eighteen hours per week are required.

A classical course must include Latin, one other subject from Group I, and the second language from Group II, which was offered for entrance.

A scientific course must include mathematics and one subject in addition from each group.

The College does not hold itself bound for instruction in any elective study for which fewer than five students make request to the registrar.

*Plain figures refer to the courses as numbered in the description of the courses following; figures in parentheses, to the number of hours a week; and so throughout this synopsis.

Sophomore Year.

First Semester.		Second Semester.	
REQUIRED:		REQUIRED:	
Bible, 3.	(1)	Bible, 3.	(1)
Social Science, 1.	(4)	Political Science, 3.	(4)
ELECTIVE:		ELECTIVE:	
English, 2.	(4)	English, 3.	(4)
Latin, 2.	(4)	Latin, 2.	(4)
French, 1, 2.	(4)	French, 1, 2.	(4)
German, 2, 5.	(4)	German, 2, 6.	(4)
Greek, 3.	(4)	Greek, 4.	(4)
Mathematics, 3, 6.	(4)	Mathematics, 4, 6.	(4)
Biology, 1, 2, 3.	(4)	Biology, 1, 2, 3.	(4)
Chemistry, 1, 2, 3, 4, 5, 6.	(4)	Chemistry, 1, 2, 3, 4, 5, 6.	(4)
Physics, 1.	(4)	Physics, 1.	(4)
Shop-work, 1.	(4)	Shop-work, 2.	(4)
Education, 1.	(4)	Education, 2.	(4)
History, 1, 2, 5.	(4)	History, 1, 3, 6.	(4)
Oratory, 2.	(3)	Oratory, 2.	(3)

Seventeen hours per week are required.

Language of Group II of Freshman year must be continued.

Chemistry must be chosen unless student already has credit for one year's work, in which case some other science must be chosen.

Junior Year.

First Semester.		Second Semester.	
REQUIRED:		REQUIRED:	
Bible, 4.	(1)	Bible, 4.	(1)
Philosophy 1.	(4)	Philosophy, 2.	(4)
ELECTIVE:		ELECTIVE:	
Bible, 1, 5, 6, 8.	(2)	Bible, 1, 5, 7.	(2)
English, 4, 5, 7, 8.	(4)	English, 4, 6, 7, 8.	(4)
French, 1, 2, 3.	(4)	French, 1, 2, 3.	(4)
German, 7-15.	(4)	German, 7-15.	(4)
Greek, 5, 6.	(4)	Greek, 7, 8.	(4)
Hebrew, 1.	(4)	Hebrew, 1.	(4)
Latin, 3, 4, 5, 6, 7.	(4)	Latin, 3, 4, 5, 6, 7.	(4)
Mathematics, 3, 5, 6, 7.	(4)	Mathematics, 4, 5, 6, 7.	(4)
Astronomy, 1, 2.	(4)	Astronomy, 1, 2.	(4)
Biology, 2, 3.	(4)	Biology, 2, 3.	(4)
Chemistry, 2, 3, 4, 5, 6.	(4)	Chemistry, 2, 3, 4, 5, 6.	(4)
Geology.	(4)	Geology.	(4)
Physics, 1, 2.	(4)	Physics, 1, 2.	(4)
Shop-work,1.	(4)	Shop-work, 2.	(4)
Education, 1, 3, 4.	(4)	Education, 2, 3, 4.	(4)
History, 1, 2, 5.	(4)	History, 1, 3, 6.	(4)
Music.	(2)	Music.	(2)
Philosophy, 4.	(4)	Philosophy, 5.	(4)
Social Science, 2.	(4)	Political Science, 4, 7.	(4)

Seventeen hours per week are required.

Senior Year.

First Semester.		Second Semester.	
REQUIRED:		REQUIRED:	
Bible.	(1)	Bible.	(1)
		Philosophy, 3.	(4)
ELECTIVE:		ELECTIVE:	
Bible, 1, 5, 6, 8.	(2)	Bible, 1, 5, 7, 9.	(2)
Apologetics.	(4)	Apologetics.	(4)
English, 4, 5, 7, 8.	(4)	English, 4, 6, 7, 8.	(4)
French, 1, 2, 3, 4.	(4)	French, 1, 2, 3, 4.	(4)
German, 7-15.	(4)	German, 7-15.	(4)
Greek, 5, 6.	(4)	Greek, 7, 8.	(4)
Hebrew, 1, 2.	(4)	Hebrew, 1, 2.	(4)
Latin, 3, 4, 5, 6, 7.	(4)	Latin, 3, 4, 5, 6, 7.	(4)
Mathematics, 3, 5, 6, 7.	(4)	Mathematics, 4, 5, 6.	(4)
Astronomy, 1, 2.	(4)	Astronomy, 1, 2.	(4)
Biology, 1, 2, 3.	(4)	Biology, 1, 2, 3.	(4)
Chemistry, 2, 3, 4, 5, 6,	(4)	Chemistry, 2, 3, 4, 5, 6,	(4)
Geology.	(4)	Geology.	(4)
Physics, 1, 2.	(4)	Physics, 1, 2.	(4)
Shop-work, 1.	(4)	Shop-work, 2.	(4)
Education, 1, 3, 4.	(4)	Education, 2, 3, 4.	(4)
History, 1, 2, 5.	(4)	History, 1, 3, 6.	(4)
Music.	(2)	Music.	(2)
Philosophy, 4, 6, 7.	(4)	Philosophy, 5, 6, 7.	(4)
Political Science, 2, 5.	(4)	Political Science, 4, 6, 7.	(4)

Seventeen hours per week are required.

Particular Description.

ENGLISH.

1. Rhetoric.—The course in rhetoric is intended to cultivate the taste and to develop the critical power of the student; to train him in accurate observation and thinking and to the use of clear, forcible and elegant English. It includes the following: Theory and practice in the making of abstracts and plans, especially in exposition and argumentation; constructive studies in characterization, the short story, the essay, the ballad and the sonnet. Throughout the course emphasis is laid on practice rather than theory with a view to prepare the student for practical journalistic work. Freshman year, three hours a week; required.

2. Anglo-Saxon and Middle English.—Study of grammatical forms; reading of Sweet's Anglo-Saxon Primer and other selections; Sweet's First Middle English Primer; complete text of Chaucer. Open to sophomores. First semester, four hours a week.

3. American Literature.—Readings, studies and themes, under the direction of the professor, in the lives and masterpieces of our great writers. Open to sophomores, second semester, four hours a week.

4. English Literature.—The aim of the course is to emphasize the main facts in the development of the literature. Spenser, Shakespeare and Milton are extensively read and discussed. Open to juniors, four hours a week throughout the year.

5. Criticism.—A study of the principles governing literary composition. Open to seniors, first semester, four hours a week.

6. Modern English Poets.

(1) From Milton to Tennyson.—A critical study of short selections. Each representative poet is studied in relation to his personal environment and the intellectual condition of his age. Open to seniors; first half of second semester, four hours a week.

(2) A Study of Browning.—Open to seniors; second half of second semester, four hours a week.

7. Journalism.—William P. Kirkwood, of Macalester College, class of '90, for twelve years associated with the editorial department of The Minneapolis Journal, will continue his elective in Journalism as a part of the college work in English for the coming year. This course is open to Juniors and Seniors, and calls for three recitations, or their equivalent in work, through both semesters. This course is thoroughly practical, but it is not the intention to limit its benefits to those who may be contemplating entry into the work of Journalism. It is believed that the work can be made of the very highest service as a practical training in the use of English, for all advanced students in the college. Furthermore, there can be no doubt that such a course can be made to familiarize all students who take it with the principles and practice of one of the greatest moral and educational agencies of modern life, so that in after years they may avail themselves of its benefits and be less often misled by its errors.

The course opens with a study of the history and of the principles of Journalism. This study is followed by actual practice in the work of writing for the press. Thorough drill is given in the various branches of reporting, of editing news material, of headline writing, and of editorial expression. In all such practice the student is called upon to make use of the instruction he receives in such collateral studies as the political sciences, history and literature. Toward the end of

the course, and as often as possible and advisable before, the class is brought into actual touch with the daily papers of the cities of St. Paul and Minneapolis. Such work is intended to be to the student of this elective what laboratory work is to the chemist, and gives him a chance to make a practical test of the value of his training in the class room.

ORATORY.

The aim of the work is to teach the students scientific principles and to give them artistic and practical training which will enable them to avoid all affectation and rant, all mere trickery and striving for effect.

1. Voice Training.—Deep Breathing. Correction of voice-faults and mannerisms. Science and Art of Expression and their relation to reading, recitation and oratory. Factors of expression. Theory and practice. Required of freshmen, two hours a week throughout the year.

2. Action.—Analysis of emotions. Theory and practice. Physical presentation of emotions, including pose, gesture, facial expression. Reading of the classics. Open to students who have completed course 1; three hours a week throughout the year.

LATIN.

1. Freshman Year.—Cicero's De Senectute and De Amicitia, Pliny's or Cicero's Letters and Livy's story of the Hannibalic war. Along with the study of these texts there is collateral work upon the life, style, and works of the authors, as well as the social and political customs and problems of their times. There is also pursued a careful study of etymology and phonology, while the principles of syntax receive constant attention and elucidation. Required of freshmen in classical courses; elective in scientific. Four hours a week throughout the year.

2. Sophomore Year.—During the first semester the Odes, Satires and Epistles of Horace are read, not so much, however, as a study of language as of literature. The subject of prosody, as suggested by his various metres, is given due consideration. The second semester is spent upon the Germania and Agricola of Tacitus, and on selections from Quintilian. These works are alike valuable for their contents and literary style, and furnish conspicuous examples of later Latin. They are studied both from a literary and a linguistic point of view. Open to sophomores, four hours a week throughout the year.

To juniors and seniors the following courses are open four hours a week throughout the year:

3. Oratory.—(a) Cicero: De Oratore, (b) Cicero: Brutus or Oratio pro Milone, (c) Tacitus: Dialogus de Oratoribus.

4. Drama.—(a) Plautus: Aulularia, Rudens, (b) Plautus: Captivi, Trinummus, (c) Terence: Andria, Adelphoe.

5. Ethics.—(a) Cicero: De Finibus, (b) Cicero: De Officiis, (c) Seneca: Essays.

6. Lyric Poetry.—(a) Catullus, (b) Tibullus, (c) Propertius, (d) Latin Christian Hymns.

7. Teachers' Course.—This course includes a very thorough study of Latin grammar, especially syntax, with a review of Caesar, Cicero, and Virgil from a teacher's point of view. Students in this course are given practical work in being allowed to teach classes in these subjects occasionally under the eye of the professor.

Each elective will receive the textual and collateral study appropriate.

Throughout the whole college course, students are encouraged and expected to make original investigation,

to formulate their own conclusions, and to cultivate the art of literary criticism. As much time as possible is devoted to such collateral subjects as add both interest and information.

GREEK.

The general aim in this department is to learn to read Greek readily; to become acquainted with the Greek people as revealed in their great creations in history, oratory, philosophy, poetry and art; to arrive at a just estimate of the contribution of the Hellenic race to human progress.

1. Lucian.—The Charon or Timon and selected short dialogues. Literary and social conditions of the age. First semester freshman year, four hours a week.

1a. Xenophon.—Hellenica, Books I and II, with discussion of the earlier stages of the Peloponnesian war. A substitute for course 1, at the option of the professor. First semester freshman year, four hours a week.

2. Herodotus.—Stories and selections from Book VII. Careful consideration of accidence and syntax of the Ionic dialect. Second semester freshman year, four hours a week.

2a. The Iliad. Book I-III. Literary and grammatical study. The Trojan legends. Introduction to the Homeric question. A substitute for Course 2, at the option of the professor. Second semester freshman year, four hours a week.

3. Athenian Orators.—Selected orations of Lysias and Demosthenes. Theme work on Isaeus, Isocrates and others. Athenian legal procedure. First semester sophomore year, four hours a week.

4. Plato.—The Apology and Crito. Socrates and his teachings with readings from Xenophon's Memo-

rabilia. Survey of Greek philosophy. Second semester sophomore year, four hours a week.

5. The Drama.—Selected plays of Aeschylus or Euripides and Aristophanes. Rise and development of tragedy and comedy. The Greek theatre and production of plays. First semester, four hours a week. Open to juniors and seniors.

6. Greek Testament.—The Acts of the Apostles. Characteristics of the Common dialect. Intended especially for prospective theological students and for those who wish to know the original of the New Testament. First semester, four hours a week. Open to juniors and seniors.

7. The Odyssey.—Selections from Books I-XII. Sight reading. Literary study of the whole poem from the English translations of Palmer and of Butcher and Lang. Second semester, four hours a week. Open to juniors and seniors.

8. Lyric Poetry.—Selections from the elegiac and lyric poets. Second semester, four hours a week. Open to juniors and seniors.

Students who have pursued the study of German or French to the end of the sophomore year may take as an elective the Greek of the Academy (Lessons and Anabasis).

GERMAN.

German is a feature of the modern classical courses and runs parallel with the Greek in ancient classical. The aim is to master the language both as spoken and written. The works of some of the best classical and living authors are read and the materials in the different books furnish the subject for easy conversation in German.

Composition and rapid reading of living authors is a feature of the advanced work.

1. **Elementary German.**—Grammar, easy readings, with practice in speaking and writing German. Open to freshmen who enter College without German, and to juniors and seniors who have had the required Greek or French of their courses. Year course, four hours a week.

2. **Second Year German.**—Easy German prose and dramas, and composition continued. Memorizing of short poems. Year course, four hours a week.

3. **Advanced German.**—Representative modern authors, selected dramas and composition. Year course, four hours a week.

4. **The Classic Drama.**—Lessing, Goethe and Schiller's dramas; their lives and works and times are carefully studied. Year course, four hours a week.

5. **Goethe's Faust.**—A study of the development of the Faust legend and parallel readings of the most important Faust literature. One semester, four hours a week.

6. **Classic Prose.**—Schiller's Dreiszigjaehriger Krieg (Palmer Edition). Conversation and composition. One semester, four hours a week.

7. **Classic Prose.**—Goethe's Wilhelm Meister, or Ithalienische Reise. Composition and conversation. One semester, four hours a week.

8. **Luther to Lessing.**—German literature during the Reformation. One semester, four hours a week.

9. **Modern Dramas.**—Freytag, Wildenbruch, Hauptmann, Sudermann and others. One semester, four hours a week.

10. **A Brief History of German Literature.**—Collateral reading in German authors and conversation. One semester, four hours a week.

11. **The Modern Novel.**—One semester, four hours a week.

12. The Romantic School.—Select authors; lectures and conversation. One semester, four hours a week.

13. Heine.—His prose and poetry. One semester, four hours a week.

14. Teachers' Course.—Grammar, prose, conversation and composition. One semester, four hours a week.

15. Middle High German.—Grammar and selections from Middle High German literature. One semester, four hours a week.

FRENCH.

The courses of French aim above all at a practical knowledge of the language. They include thorough grammatical drill, composition, practice in translating, the reading and critical study of the classic writers, and of modern prose and poetry—analysis in French of the collateral reading, essays, and the study of the history of French literature. All work outside of the translation is in French. The work in the first year is for the greater part oral, to accustom the ear to the French sounds, and in all the courses great space is given to conversation.

1st Year.—Elementary French. The aim of this course is to enable the student to understand the spoken word and to express himself in idiomatic French on very simple topics. Expression: Themoin's Lessons in Idiomatic French, Vol. I. Grammar: Beziat de Bordes. French Reading: Whitney's Introductory French Reader, Labiche & Martin, Le Voyage de M. Perrichon.

2nd Year.—This course continues the exercise in expression, advanced grammar, composition. Dictation and easy essays based upon the reading matter. Reading of modern French writers. Outside of translation,

all recitations are in French. Expression: Themoin, Vol. II. Composition: Cameron's Composition. Reading: Texts vary each year and will be chosen from the following: Coppe: On Rend l' Argent. Le Pater. Balzac: Le Cure de Tours, Ursule Mirouet. Sand: La Mare au Diable, La Petite Fadette. V. Hugo: Quatre Vingt Treize, Hernani, Ruy Blas. Daudet: La Belle Nivernaise, Le Nabab. Bazin: Les Oberle. Rostand: Les Romanesques.

3rd Year.—First semester: History of the French literature. Duval: Histoire de la litterature francaise. Pilodet: Lecons de litterature francaise classique. Collateral reading, essays, lectures. Second semester: Canfield's French lyrics. Practice in reading more difficult prose and periodicals. Themes, essays, discussions. All recitations in French.

4th Year.—Classic French literature of the 17th and 18th century. Reading and criticism of classic writers, written analysis, themes and lectures. First semester: 17th century. Corneille: Cid, Polyeucte. Racine: Athalie. Moliere: Le Misanthrope, L'Avare. Collateral reading: Warren: Prose Writers of the 17th Century. Crane: La Societe francaise du 17eme Siecle. Pylodet: Theatre francaise classique, and others. Second semester: (a) Lesage: Gil Blas. Voltaire: Zaire and letters. Beaumarchais: Le Barbier de Seville, and collateral reading; or (b), Scientific French. Herder's Scientific French. Scientific Periodicals.

HEBREW.

Hebrew may be taken as an elective in the junior and senior years. The aim is to prepare students for advanced work as soon as they enter the seminary.

The work of the junior year will be the mastery of Genesis 1-8, including (a) the grammatical principles

of the language, (b) acquisition of a vocabulary, (c) translation of English into Hebrew.

In the senior year one of the Minor Prophets will be studied including text, grammar, exegesis and history.

Opportunity will also be given for sight reading in the historical books in order to acquire greater facility in the use of the language.

BIBLE AND APOLOGETICS.

1. **"Outline Studies in the Books of the Old Testament."**—This includes a rapid survey of many of the Old Testament books in such a way as to acquaint the student with the contents of the books themselves, the chronology of the Old Testament and the general course of the national history. Two semesters, one hour a week. Open to juniors and seniors.

2. **The Life of Christ.**—Two semesters, one hour a week. Text-books, Stevens and Burton's Harmony, and Burton and Matthews' Constructive Studies. Required of freshmen.

3. **"The Book of Acts and Letters of Paul."**—This is a study of the primitive church as described in the Acts, and an analytic study of Paul's epistles. Two semesters, one hour a week. Required of sophomores.

4. **The Prophets of Israel.**—This includes a study of the prophets themselves, their general appearance, their place in the community, functions, etc., with special emphasis upon their preaching of the Messianic Promise. Two semesters, one hour a week. Required of juniors who do not elect Literary Study of Bible, Apologetics or Greek Testament.

5. **The Literary Study of the Bible.**—This course is a study of the different literary forms found in the Bible. It includes a special study of the Book of Job.

Text-book, Moulton's Literary Study of the Bible. Two semesters, two hours a week. Open to juniors and seniors.

6. **From Malachi to John the Baptist.**—This course is intended (1) to trace the history of the Jews under the Persians, Greeks, Maccabees and Romans; (2) to trace the origin of the various Jewish sects (Pharisees, Sadducees, Essenes, Galileans, Herodians). A knowledge of the outward political fortunes of the Jews, as well as the movement of Jewish thought in this intertestament period is of the utmost importance for an intelligent understanding of the ministry of Christ and His Apostles. First semester, four hours. Open to juniors and seniors.

7. **Oriental History and Archaeology.**—This course includes (1) the history, politics, literature and religion of Egypt, Babylon and Assyria. (2) The decipherment of the cuneiform inscriptions. (3) The relation of this material to the explication of Old Testament history. Second semester, four hours. Open to juniors and seniors.

8. **Apologetics.**—This course aims chiefly at two things:

First, a brief exposition of Christian theism and an exhibition of its superiority in philosophy and in practice to the various opposing theories; deism, pantheism, materialism and agnosticism.

Secondly, a summary of the argument for historical Christianity and an examination of criticisms and objections especially those of our own day. First semester, four hours a week. Open to juniors and seniors.

9. **The Philosophy of Religion.**—This course is intended as supplementary to the course in apologetics. It aims to exhibit and defend a philosophic conception in harmony with the Christian religion. Open to sen-

iors, and to others by special permission, four hours a week, second semester.

For further courses see the departments of Greek, Hebrew and Philosophy.

HISTORY.

1. **European History.** From 31 B. C., to the close of the fifteenth century. Text-books: Emerton's Introduction to the Middle Ages, Emerton's Mediaeval Europe, Henderson's, Ogg's and Robinson's Mediaeval Documents. Lectures, collateral reading and quizzes. One year course, four hours a week.

2. **English History.** An outline course of the political and constitutional history of England. Text-books: White's The Making of the English Constitution, Ransome's History of England, Adams' and Stephens' select documents. Lectures, collateral reading and quizzes. One semester, four hours a week.

3. **The Reformation Period.** The protestant revolt and Europe to the Peace of Westphalia. Text-book: Haeuser's Reformation Period. Collateral reading, select documents, lectures and quizzes. Second semester, four hours a week.

4. **Modern Europe.** The development of Europe from 1648 to the present time. Special attention is devoted to the revolutionary and Napoleonic period. Text-book: Robinson & Beard's Development of Modern Europe, Anderson's Documents and Constitutions of France. Lectures, collateral reading and quizzes. A year course, four hours a week.

5. **United States History.** From the American Revolution to 1829. Textbook, collateral reading, MacDonald's Documents, lectures, topical work, and quizzes. First semester, four hours a week.

6. **United States History.** From 1829 to the present time. Conducted the same as Course 5.

Course 4 will be omitted during 1909-10.

EDUCATION.

1. **The History of Education.**—A view of the history of education by means of lectures, readings, class discussions and papers. It is intended that the course should have a high cultural value through the survey which it furnishes of a most important aspect of human thought and progress. The course includes a study both of the theories of philosophers and reformers and of the actual conceptions and practice of education as seen in the schools. Monroe's History of Education will be the basis for the work. Open to sophomores, juniors and seniors. Four hours a week, first semester.

2. **Education in the United States.**—This course consists of three parts: (1) a history of educational development in this country, elementary and higher, public and private; (2) a study of our educational systems and institutions as seen at the present time; and (3), as throwing light on the significance of the preceding, a survey of the foreign systems of our own time, especially those of Germany, France and Great Britain. Open to all who have completed course 1. Textbook, Dexter's History of Education in the United States. Four hours a week, second semester.

3. **The Theory of Education.**—This course consists of three parts, as follows:

(a) The Principles of Education. A study of the nature of education, its objects and purposes, its means and methods. Horne's Philosophy of Education is the basis of work.

(b) School Organization and Management. This is an important course to any who are looking forward to the profession of teaching Chancellor's Our

Schools: Their Administration and Supervision, is the text-book used. Lectures and class papers supplementary to the above will be presented, especially considering problems of school management.

(c) The Art of Teaching. A study of the immediate aims of the teacher; of the devices and methods made use of by teachers in the work of teaching with a critical estimate of their value. McMurry's Method of the Recitation will be used as a text-book. Members of the class will be expected to visit schools and make written reports on their observations. Opportunities for practice work will be offered in the academy to members of the class, under the supervision of the regular instructor and of the teacher in Education.

Students may expect lectures by members of the faculty as well as by teachers from the outside, who will supplement the course as outlined above. Open to juniors and seniors, four hours a week throughout the year.

4. **A Critical Reading Course.**—This course proposes a reading and discussion in some of the more important educational writers of ancient and modern times. The authors suggested for reading next year are Aristotle, Quintilian, Rousseau and Herbart. Open to juniors and seniors, also to others on approval of the faculty, two hours a week, throughout the year.

THE MENTAL SCIENCES AND PHILOSOPHY.

1. **Logic and Scientific Method.**—This course comprises a study of logic, deductive and inductive, of fallacies, logical theories and of scientific method. Abundant exercise is given in order to fix facts and principles and to cultivate keenness in analysis and discrimination. Required, four hours a week, first fourteen weeks of the junior year.

2. **Psychology.**—This course aims at a comprehensive view of the most important divisions of the science.

Because of the value of psychology for knowledge and culture and its fundamental importance to the other studies of this department and to education the course is made more complete than usual. Instruction is by means of recitation, experiment, lectures and class discussions. Required four hours a week through last twenty-two weeks of the junior year.

3. Ethics.—Ethics is placed near the end of the course in order that the philosophic aspects of the subject may be the better appreciated. The ethical facts are studied as they appear in life; then the theories of ethics are taken up for the purpose of obtaining a philosophical basis; and finally practical questions are handled by means of lectures and discussions. Required of seniors, second semester, four hours a week.

4. The History of Philosophy, Ancient, Medieval and Modern.—This course reviews the course of thought in philosophy from the time of the early Greek philosophers down. It aims to trace the development of philosophic conceptions and systems and their connection, and to point out their connection with the life of the times in which they arose. Special attention is given in Greek philosophy to Plato and Aristotle, and in modern philosophy to Kant. The course requires readings by the students in a number of the more important thinkers. Open to seniors and juniors, the first twenty-four weeks of the year, four hours a week.

5. Introduction to Philosophy.—Following the course in the history of philosophy, the course in introduction to philosophy places before the student a systematic view of the divisions of philosophy and of its problems, including that of method. It aims not only to clarify the views of the student, but also to develop some defensible convictions. Open to all who have completed Course 4; the last twelve weeks of the year, four hours a week.

6. A Course of Readings in Philosophy.—This course introduces the student at first hand to the complete text of some of our more important works, mostly modern and English. The course varies from year to year, but Spencer's First Principles and James' Will to Believe are among the works commonly read. Next year Ormond's Concepts of Philosophy will occupy a prominent place in the course. Open to students who have completed Course 5; four hours a week the entire year.

7. Kant.—A year in the critical study of Kant's philosophy. The time will be devoted mainly to the Critique of Pure Reason. Open to seniors, four hours a week for a year. This course is properly alternative to Course 6, but may be given if a sufficient number request, as an additional course.

SOCIAL AND POLITICAL SCIENCE.

1. Sociology.—Under this head are included the history, various theories and principles of sociology. Important aims are, to show the extent of the field, to arouse an interest in the study, and to help to correct methods of sociological investigation. A standard text-book is used, but the systems of sociology as presented in Spencer, Ward and others are presented and discussed. Required of sophomores, four hours a week, first semester.

2. Sociology.—The time will be devoted to a more detailed study of the history of Sociology, the theories of Giddings and to original inductive studies. Open to juniors and seniors, first semester, four hours a week.

3. Political Economy.—A general survey is taken of the history, theories and generally accepted principles of Political Economy. A standard text-book such as Gide is used, supplemented by collateral studies in Adam Smith, Mill, Ricardo, Walker, articles in cyclo-

pedias, etc. Required of sophomores four hours a week, second semester.

4. Political Economy.—In the elective course substantially the same ground is covered, but more attention is given to the historical development of the science, and to the application of sound principles to current economic questions. Open to juniors and seniors, second semester, four hours a week.

5. History of Civil Government.—The State, by Professor Wilson, is used as a text-book, with collateral study of constitutions. The aim is to trace clearly the great and distinctive features in the government of the leading European nations. Senior year, four hours a week, first semester.

6. International Law.—A brief course in the outlines of this important subject offered to meet the interest arising from our wider international relations. Open to seniors, second semester, four hours a week.

7. Roman Law.—Morey's "Outlines of Roman Law" is used. The object is to make the student acquainted with (1) the origin and development of Roman Law; (2) its relation to modern systems of jurisprudence. Open to juniors and seniors, four hours a week, second semester.

MATHEMATICS.

1. Higher Algebra.—A rapid review is made of simple equations, ratio and proportion, progressions and quadratics, followed by infinitesimal analysis, development of binomial and Taylor's formulae, logarithmic series and discussion of higher equations, series, etc. Open to all students and required of freshmen in Scientific course. Four hours per week, first semester.

2. Trigonometry and Analytic Geometry.—An attempt is made to give the student a clear understanding of trigonometric functions, development of form-

ulae and their application to the solution of problems. This is followed by a brief course in analytic geometry, sufficient for elementary courses in physics and astronomy. Open to all students, and required of freshmen in Scientific course; four hours a week, second semester.

3. Analytic Geometry.—This is a continuation of course 2. Equations of straight lines, and the principal curves and their tangents are discussed by both rectilinear and polar co-ordinates. Open to those who have completed course 2. Four hours per week, first semester.

4. Differential and Integral Calculus.—A brief study of the principles of differential calculus based on theory of limits followed by a short course in integral calculus. Open to those who have completed course 3. Four hours per week, second semester.

5. Advanced Differential and Integral Calculus.—Open to those who have completed course 4. Four hours per week, one year.

6. Surveying.—Open to those who have completed course 2. Four hours per week, first semester.

7. Advanced Algebra for those intending to teach. One year, four hours per week.

ASTRONOMY.

1. The aim of this course is to give the student some idea of the solar system, its position with reference to the stars and the position of the Earth in its system. Some of the simpler astronomical problems, such as the determination of time, latitude and longitude, parallax, distance and magnitude are discussed. The principal constellations are located and the student made familiar with the appearance of the heavens at different times of the year Open to all who have completed course 1 in mathematics; one year, four hours a week.

2. A course in descriptive astronomy. Open to juniors and seniors. One year, four hours per week.

PHYSICS.

1. This course includes a thorough study of mechanics, sound and heat. A large part of the time is spent in laboratory work, and the student's conceptions of Physical Laws are developed as largely as possible from observation and experiment. Open to all students who have completed courses (1) and (2) in mathematics. Four hours a week, two of which are double hours for laboratory work. One year.

2. This course includes a thorough study of Electricity and Light. The practical applications of electricity in modern industry are given the careful consideration that they rightly deserve. Open to students who have completed course (1). Four hours a week, two of which are double hours for laboratory work. One year.

During the first year forty, and during the second year fifty, quantitative experiments are performed by the student in the laboratory, the aim being to afford a working knowledge of modern measuring instruments of precision, and to develop quantitative methods of thought and conception, as well as to discover and verify the laws of nature. Careful attention is given to the problem of errors in measurement, the student being required in each case to consider the origin of errors and methods for their elimination, and to compute probable errors of observations and results. The laboratory equipment is sufficient for thorough work in the courses offered.

SHOP WORK.

In response to the general demand throughout the state, for science teachers who have had a practical manual training course, a students' laboratory shop

has been equipped in connection with the Department of Physics. A thorough course, including the construction, use and repair of physical apparatus, is offered. By paying the cost of materials used, the students may retain the models they construct. Students not expecting to teach, and who may desire to take the course for the mechanical training, will be permitted to substitute in the second semester, some general mechanical design and construction work for the regular work outlined.

This course includes:

(a) Practical manipulation of various kinds of woods, metals, and glass.

(b) A study of the design and mechanical construction of various forms of apparatus adapted to demonstrations and laboratory work in high schools and academies.

(c) The construction of a number of pieces of apparatus and the determination of errors.

(d) Visits to machine shops and factories in St. Paul and Minneapolis.

Open to scientific students; four hours a week, two of which are double for shop work.

CHEMISTRY.

1. General Inorganic Chemistry.—The course includes a thorough study of the principal elements and their compounds, their occurrence in nature, preparation in the laboratory, etc.; also an introduction to the study of qualitative analysis. One year, four hours per week, two hours being double for laboratory work. Required of sophomores, except where students have already had one year in chemistry. Students entering college with one year of high school chemistry will be excused from this course, but will not receive a credit for the same.

2. Advanced Inorganic Chemistry.—This is a continuation of course 1, with an introduction to physical chemistry. Open to those who have completed course 1. One year, four hours per week, two hours being double for laboratory work.

3. Qualitative Analysis.—Lecture and laboratory work, including the detection and separation of the metals, and the identification of the acids. The last few weeks of the year are spent in the analysis of specimens of rock and earth. Instead of this, the student may make a study of materials used as paint pigments, and the methods used in paint analysis. Open to those who have completed course 1. One year, four hours per week, three hours being double for laboratory work.

4. Quantitative Analysis.—Lecture and laboratory work. This includes an introduction to the gravimetric and volumetric analysis, and a study of the methods of determination of atomic weights. Open to those who have completed courses 1 and 3. One year, four hours per week, three hours being double for laboratory work.

5. Organic Chemistry.—Lecture and laboratory work. This course includes a study of the aliphatic and aromatic series, with a preparation of the more important compounds. Open to those who have completed course 1. One year, four hours per week, two hours being double for laboratory work.

6. Advanced Organic Chemistry and Qualitative Organic Analysis.—Open to those who have completed courses 1, 3 and 5. One year, four hours per week, two hours being double for laboratory work. Not offered in 1909-1910.

The chemical laboratory is well equipped for thorough work in the courses offered. Courses in assaying, water analysis, gas analysis, etc., will be introduced as

soon as the new science hall is built. Especial attention will be given to a scientific method of observation and interpretation of results. Each student will make a complete and systematic record of all his investigations.

BIOLOGY.

1. Botany.—A course in comparative botany, beginning with the lowest forms and finishing with a brief study of the flowering plants, together with a short course in practical field work. Open to all college students; four hours a week throughout the year.

2. Zoology.—A study of comparative zoology, from the Protozoa through the Vertebrata. Laboratory work includes a study of typical forms of each class. Open to all students; four hours a week throughout the year. Not offered in 1909-1910.

3. Physiology.—General physiology, including a brief study of anatomy, physiology, and hygiene. Lectures and laboratory work. One year, four hours per week.

GEOLOGY.

A general course in structural, dynamic and historical geology, also a brief course in mineralogy and crystalography. Lectures, laboratory and field work.

The library contains valuable reference works, including the state geological reports of Minnesota. There is a good collection of specimens, to which additions are made each year. Open to juniors and seniors, four hours a week throughout the year.

PHYSICAL TRAINING.

1. Elementary.—Required course for all women. One year, two hours per week.

2. Advanced.—Elective course for women. One year, two hours per week.

A credit of one hour will be given for two hours of physical training upon the completion of Biology 3.

SCHOOL OF MUSIC.

The School of Music.

Harry Phillips, Director, Voice Culture and Chorus Work. G. H. Fairclough, Piano, Organ, Theory. James A. Bliss, Piano, Theory. Miss Bessie A. Godkin, Preparatory Piano. Miss Nellie Krebs, Public School Music. Miss Jane Pinch, Voice.

The School of Music, now located in Wallace Hall, offers a thorough course of instruction in Voice, Piano, Organ and Violin and other stringed instruments; also a theoretical course including Harmony, Counter-point, Composition, Public School Music, Musical History and Analysis. In each branch of musical study a systematic course, leading to graduation, will be pursued, the time required for the completion of which will depend on the ability and application of the pupil.

Entrance Requirements.—All pupils on entering the School will be examined by the Director and classified according to their knowledge and ability.

Teacher's Certificate.—At the end of the second year certificates will be given to those wishing to teach, stating their proficiency and fitness for teaching in whatever branch they have been studying. To receive this certificate it will be necessary to have had one year of Harmony.

Graduation.—All students completing the required course of three years, in either Vocal Culture, Piano, Organ or Violin, to the satisfaction of the Director of that particular subject, and having taken a year of **Advanced** Harmony, Composition, the Forms, etc., will be granted diplomas. No diploma will be awarded unless the student has attended the School of Music at least one year. Each candidate for graduation will be required to give a complete recital program shortly before graduation and to perform at the graduation exercises. Pupils with an unsatisfactory record are not allowed to graduate.

RECEPTION ROOMS OF WALLACE HALL.

Courses of Study.

Pianoforte.

Individual instruction is given, and the regular course calls for one hour's instruction per week, divided into two lessons of thirty minutes each. Where but one lesson a week is taken, the lesson will be 45 minutes in length. In Preparatory work, it is advisable to take one hour lessons instead of two half-hours, per week.

Preparatory.—Thorough grounding in hand, finger and arm training. Rudiments of music. Easier studies to suit capabilities of each pupil, Pupils are thoroughly prepared for the entrance into the three years' course.

First Year.—Czerny Velocity Studies, Bertini, Loeschorn, Heller, etc. Bach—Little Preludes and Fugues. Sonatinas and easy Sonatas.

Second Year.—Czerny Op. 740, Cramer-Bulow, 50 Selected Studies, Heller, MacDowell, etc. Bach—Two or Three Part Inventions. French Suites. Sonatas of Mozart, Haydn and Beethoven.

Third Year.—Clementi, Tausig, Gradus ad Parnassum, Czerny Op. 740, Chopin Etudes, Kullah Octave School, Bach's Forty-eight Preludes and Fugues, Sonatas of Beethoven, Repertoire from Classical and Modern composers.

In each grade suitable pieces will be given as the pupil is ready for them.

Post Graduate.—Advanced work. Continuation of previous year. Concertos (with second piano or orchestra accompaniments.)

Voice Culture.

In the department of vocal music, those methods which experience justifies as being at once effective and artistic in their results, have been adopted. It is the policy to secure a systematic and thorough culture on the basis of the best Italian methods.

Undisciplined voices require the utmost care and attention at the very commencement of training; therefore, if the future of the voice is to be at all agreeable and pleasant, the preliminary work must be perfectly mastered before proceeding further.

1st Year.—The method book, called "Voice and Song," is a compilation of all that is best in former treatises. It sets forth in a clear, logical and uncommonly practical manner the principles of singing, and has the most satisfying directions for instruction and practice. The material in this book, with vocalises by Sieber, Conncone, and the study of songs, Ballads by Larsen, Grieg, Buck, Gounod and others, makes the first year's work complete.

2nd Year.—Studies in phrasing and rapid execution, German Songs by Mozart, Schubert, Schumann, Liszt, Franz, Beethoven, etc., also some of the lighter selections from the Operas.

3rd Year.—Oratorio, in all forms, Bach, Haydn, Haendel, Mendelssohn, Gounod, Verdi. Selections from the heavier Operas, and songs of the modern school. Frank, Wolf, Homer, Tours, Massanet, Dvorak, Ronald, Nevin, Ganz.

Every student graduating in vocal music must have at least one year of German.

Pipe Organ.

Before beginning the study of the Pipe Organ, the student should have had at least one year's instruction on the piano and should have a thorough knowledge

of the rudiments of music. The Director of the Department is organist of two leading churches in St. Paul, St. John's Episcopal and Mount Zion Hebrew Temple, at each of which places he has the use of a fine, large modern organ for teaching, and practice of pupils. Many of the younger organists in St. Paul are, or have been, pupils of Mr. Fairclough.

Public School Music and Methods.

The Department of Public School Music is a new, but promising venture in the musical field at Macalester.

Miss Nellie Krebs has had four years special work with Miss Elsie Shawe, Supervisor of Music in Public Schools, and comes to us highly recommended by her. The work as given will be exactly along the lines of the public schools of St. Paul, and one of the greatest inducements offered is the chance to visit the different schools, and there get an idea of the practical side of the work, as given in all the grades.

There is a steady and constantly increasing growth in the demand for competent men and women thoroughly equipped for the teaching and supervising of music in public and private schools. There is, however, a corresponding advance in the preparation required, and it is no longer possible for one, however musical, to do satisfactory work without special training along well defined and systematic lines. This training is not only essential but is demanded by superintendents and boards of education when employing teachers of public school music.

To enable students to prepare themselves to meet this demand the school has arranged a complete and comprehensive course of study which is systematically and carefully planned to make its teachers thorough, practical and successful.

The plan of the work is normal in character, offering an opportunity for a most comprehensive study on a truly musical basis of the theory and practice of public school music.

The Course.—The Course as planned will require one year of serious work for completion.

High School graduation or its equivalent is required for admission into the graduating classes in this department. Applicants who have certificates of scholarship from former teachers will be given due credit for same.

Diplomas.—Students who have satisfactorily completed the full course in Public School Music and Methods and whose general work has been acceptable to the Faculty, will be entitled to receive a Diploma.

Choral Singing.

Each year a selected Chorus is formed for the purpose of studying some sacred cantata or oratorio, which, after thorough preparation, is given in the Westminster Presbyterian Church, Minneapolis, and the House of Hope Presbyterian Church, St. Paul. The benefit of such work is of untold value to every one, whether music student or not, and is open to all students who wish to become members. No charge except for music. All voices will be tested by the Director.

Recitals.

Students' recitals are given as often as pupils are ready to appear in public. It is the intention this coming year to make these recitals a great inspiration to the pupil and to hold them each month.

Faculty Recitals.—During the year, each member of the Faculty will give a program of song, piano, organ or violin.

DINING ROOM OF WALLACE HALL.—RECITAL HALL.

Terms for Instruction.

Piano Preparatory, per semester:
- One hour lesson per week $28.00
- Two 30 minute lessons per week 28.00
- One 45 minute lesson per week 22.00

Piano Advanced or Pipe Organ, per semester:
- Two 30 minute lessons per week 45.00
- One 45 minute lesson per week 34.00

Vocal Lessons, per semester—Mr. Phillips:
- Two 20 minute lessons per week 72.00
- Two 30 minute lessons per week 90.00
- One 30 minute lesson per week 50.00

Vocal Lessons, per semester—Miss Pinch:
- Two 30 minute lessons per week 54.00
- One 30 minute lesson per week 30.00

Harmony, class lessons, per semester:
- Two lessons per week 12.00

Public School Music:
- Class of six per semester 15.00
- Class of four per semester 20.00

Violin, per semester:
- Two 30 minute lessons per week 36.00
- One 30 minute lesson per week 20.00

Rent of Piano for practice, per semester:
- One hour per day 4.00
- Two hours per day 8.00
- Three hours per day 11.00
- Four or more hours per day 13.00
- Incidental fee per semester 6.50

Payment strictly in advance and only in case of severe illness of more than two weeks duration can any deduction be made for missed lessons. In such cases the School will share the loss equally with the pupil.

Sight Reading.

All pupils of vocal music must have at least one year of sight reading, before receiving either a Teacher's Certificate or Diploma. The cost of these lessons will be nominal. It is impossible to sing correctly and effectively at all times without an exact and practical knowedge of music and its notations.

Advantage of Location.

Because of the situation of Macalester College—between the two cities—exceptional opportunities present themselves to students for hearing the best in the world of music.

Each of the cities has a magnificent auditorium and a large symphony orchestra at whose concerts such artists as Schumann-Heink, Gadski, Sembrich, Paderewski, Ganz, Bonci, Burgstaller, Wullner, Gabrilowitch, and many more appear.

In St. Paul concerts are given by the St. Paul Institute of Arts and Sciences chorus of four hundred voices and by the Schubert Club. The Philharmonic mixed chorus of two hundred voices, the Apollo Club of one hundred male voices and the Thursday Musicale represent the musical activity of Minneapolis.

All students who are sufficiently advanced may, upon payment of $3.00, become student members of the Schubert Club or Thursday Musicale. (Ladies' Clubs). Students should set aside a certain sum each term for the purpose of hearing at least some of the many artists who appear each year. It is by so doing, only, that pupils are able to build up the musical side of their work and to receive inspirations which never are forgotten.

The cost of sheet music for a year is comparatively small, as reduced rates are given the students.

Music students are required to take studies in the College or Academy to the number of five hours a week without extra charge.

Music as an Elective.

Music, instrumental or vocal, may be taken as an elective in the junior and senior years, provided the student is sufficiently proficient to do advanced work. A minimum of six hours a week must be devoted to the study and it will not be accepted for more than two periods per week. The fitness of the student to take this elective will be determined by examination, and the expense of the instruction must be borne by the student.

History of Music.

All students in either vocal or instrumental music must have one year of History of music before graduating.

In the study of the history of music Mathew's Popular History of Music and Fillmore's Lessons in Musical History are used.

Faculty Recital.

The following program indicates the character of the Artists' recitals given in this school:

SONG RECITAL

Given By

MR. HARRY PHILLIPS,

Assisted by Miss Bessie Godkin, Accompanist,
Monday, Feb. 8, 1909,

at

WALLACE HALL

Macalester College.

PROGRAM.

Song Cycle, In Memoriam—Part 1.....Liza Lehmann

Widmung ..... Schumann
Ich Grolle Nicht .....Schumann
Der Doppelgaenger ..... Schubert
The Organ Grinder ..... Schubert
Edward ..... Lowe

Two Songs of Sorrow ..... Quilter
(a) Passing Dreams
(b) A Land of Silence
The Horn ..... Fleger
The Broken Ring .....German Folk Song
Requiem ..... Homer
The Pauper's Drive ..... Homer
The Crying of Water .....Campbell-Tipton
Danny Deever ..... Damrosch

THE ACADEMY.

The Academy.

Faculty.

JOHN PORTER HALL, A. B., Principal.
Greek.

EDWARD C. DOWNING, PH. D.,
Latin.

ANDREW W. ANDERSON, A. M.
English.

DAVID NEWTON KINGERY, A. M.
Mathematics.

JULIA M. JOHNSON, A. M.
English.

RICHARD U. JONES, A. B.
Mathematics and Chemistry.

HUGH STUART ALEXANDER, A. M.
Physics and Manual Training.

GEORGE W. DAVIS, PH. D.
Bible and English.

GRACE B. WHITRIDGE.
English.

F. D. MCRAE, PH. D.
History.

GERTRUDE CRIST.
Commercial Studies.

FRANKLIN W. PLUMMER, A. B.
Biology and Physical Geography.

AGNES S. PERKINS.
German.

MAY GIBSON, A. B.
Latin and English.

Admission and Courses.

The Academy is located on the first floor of the brick dormitory. Here a study room is reserved and strict supervision maintained during vacant periods.

The purpose of the Academy is to prepare thoroughly for the standard courses in any college, and to provide a good general education for those who cannot continue their studies further.

Two courses are offered, Classical and Scientific.

The languages of the Classical Course are Latin, and Greek or German. The Scientific substitutes science for the Latin of the junior year, and the Latin and the English of the senior year.

In addition courses are offered in commercial branches. These are found under the Commercial Department.

Requirements for Entrance.—All applicants for admission to the first year class are examined in orthography, elementary English and arithmetic (through proportion), descriptive geography, and United States history. Applicants for admission to higher classes will, in addition to the above, be examined in the studies of the classes below that for which they apply. Certificates are accepted in lieu of examinations in so far as they represent equivalents in time and in work of studies prescribed in the academic courses.

Students should bring with them certificates of standing and grades in schools from which they may come, stating the text-books used and the amount of time spent upon each study.

Synopsis of Courses of Study.

First Year.

	1st. Sem.	2nd. Sem.
Bible,	*(1)	(1)
Eng. Comp.,	(4)	(4)
Latin,	(5)	(5)
Mathematics,	(5)	(5)
Phys. Geog.	(5)	
History,		(5)

Second Year.

	1st. Sem.	2nd. Sem.
Bible,	*(1)	(1)
Rhetoric,	(4)	(4)
Latin,	(5)	(5)
Mathematics,	(5)	(5)
History,	(5)	(5)

Junior Year.

	1st. Sem.		2nd. Sem.	
	Class.	Sci.	Class.	Sci.
Bible,	(1)	(1)	(1)	(1)
English,	(4)	(4)	(4)	(4)
Latin,	(5)	...	(5)	...
German or Greek,	(5)	(5)	(5)	(5)
Mathematics,	(5)	...	(5)	...
Physics, Chem., Biology, or Manual Training.	(4)	(4)	(4)	(4)
	...	(4)	...	(4)

Senior Year.

	1st. Sem.		2nd. Sem.	
	Class.	Sci.	Class.	Sci.
Bible,	(1)	(1)	(1)	(1)
English, or Civics and History,	(4)	...	(4)	...
	(4)	(4)	(4)	(4)
Latin,	(4)	...	(4)	...
German, or Greek,	(5)	(5)	(5)	(5)
	(5)	...	(5)	...
Physics or Chem.,	(4)	(4)	(4)	(4)
Biology or Manual Training,	...	(4)	...	(4)

Important Note.

Because of considerable changes in the foregoing curriculum from that of past years, the following adaptations will be necessary for the coming year:

In the senior year, the courses in history and civics will be omitted and geometry will take their place four hours for the first semester and three for the second; and English will be required in both courses two hours a week.

*Figures refer to the number of hours a week for each subject.

Particular Description.

ENGLISH.

The academic course in English prepares for college entrance and at the same time offers a course somewhat complete in itself.

First Year.—The first year is devoted to the study of composition, including punctuation, capitalization, etc., along with a review of English grammar. One year, four hours a week.

Second Year.—In the second year the text used is Herrick and Damon's Rhetoric. Special emphasis is placed upon the study of words, figures of speech, elements of sentence and paragraph structure. Models from the required list of authors are studied. As a means of gaining facility, precision and force of expression, students are required to prepare one or more short themes weekly. One year, four hours a week.

Junior Year.—Analysis of masterpieces in requirement for college admission. Training in articulation, enunciation and reading. One year, four hours a week.

Senior Year.—In the senior year Painter's Introduction to English Literature is the text-book. Subjects for composition are taken from the required reading. Much attention is paid to the application of sound principles of criticism to the literature read. One year, four hours a week.

For the literature to be read before entering the freshman class, see English required for entrance.

Throughout the course constant attention is given to pronunciation, recitation, and colloquial English in order to attain, if possible, facility in the use of a cosmopolitan diction.

LATIN.

Latin is a required study in each of the academic courses. During the time devoted to this study the student is expected to acquire a large vocabulary, a wide knowledge of the rules of syntax, and the ability to convert English into the Latin idiom. These things furnish an indispensable basis for the work pursued in the college classes. Special attention is given to the forms and structure of the language, which are studied by severe methods of both analysis and synthesis. The grammar is thoroughly studied, and the memory is helped by a rational explanation of forms.

Latin Lessons.—The first year is spent in the study of the declensions and conjugations, syntax and vocabulary, in making translations daily to and from the Latin, and in conversation. Five hours a week.

Caesar and Composition.—The second year is devoted to careful and thorough study of Caesar and composition. Five hours a week.

Cicero and Composition.—The junior year is devoted to Cicero, composition, and a more thorough study of the grammar. Five hours a week.

Virgil.—The senior year is devoted to Virgil. The Aeneid is studied both textually and as literature. Four hours a week.

GREEK.

Greek is a required study alternative to German in the classical courses.

Lessons.—The aim of the first year's study of Greek is to master the elements, six hundred to eight hundred carefully selected Greek words, and two or more chapters of the Anabasis. Five hours a week.

Anabasis and Composition.—In this year an effort is made to read thoroughly four books of the Anabasis. The reading is accompanied with prose exercises and

sight-reading in the fifth and sixth books. Special effort is made to master a large vocabulary. Five hours a week.

GERMAN.

German is a required study in the classical courses unless Greek is chosen.

First Year.—(a) Grammar, Spahnhoofd, (b) Glueck Auf. First semester, five hours a week.

(a) Grammar continued, (b) short stories, sight reading. Second semester, five hours a week.

Second Year.—(a) Easy German Stories, Allen & Batt, (b) Grimm's Maerchen, (c) Stern's Geschichten vom Rhein. First semester, five hours a week.

(a) Storm's Immensee, (b) Hermann und Dorothea, (c) Wilhelm Tell, (d) Stein's German exercises. Second semester, five hours a week.

MATHEMATICS.

The course in mathematics includes arithmetic, algebra, geometry.

Arithmetic is offered to students in the commercial course throughout the first year, and is open to any others who may need the review. Great familiarity with the elementary principles is required, and abundant practice in the solution of problems is given; also in business methods and customs. One year, four hours a week.

Elementary Algebra is taken up at the beginning of the first year and is continued throughout the year, reciting five times a week. The aim is to ground the student thoroughly in the fundamental operations of algebra which lie at the basis of the mathematical course.

Advanced Algebra.—The work of the second year in algebra carries the student through quadratic equations. Five hours a week.

Geometry is begun in the second semester of the second year and continued through the junior year. Students are required not only to master the text-book, but also to solve numerous original problems and theorems. Four hours a week.

SCIENCE.

The academic or preparatory course in science covers in all, four years' work. It is distributed as follows:

Physical Geography.—First year, first semester, five hours a week.

Physics.—One year, four hours a week.

Physiology.—First semester, four hours a week. Not offered in 1909-1910.

Botany.—Second semester, four hours a week. Not offered in 1909-1910.

Zoology.—One year, four hours a week.

Chemistry.—One year, four hours per week, two hours being double for laboratory work.

HISTORY AND CIVICS.

History.—The aim of this department is the acquisition by the student of such historical and political knowledge as will be a necessary element in general culture and a solid foundation for further studies in history and government. The method of teaching employed is that of the text-book with assigned topics for investigation. The course laid out falls under five heads as follows:

English History.—First year, second semester, five hours a week.

Roman History.—Second year, first semester, five hours a week.

Greek History.—Second year, second semester, five hours a week.

Civics.—An elementary study of the different branches of government, local, state and national in this country. Senior year, first semester, four hours a week.

Medieval and Modern History.—Senior year, second semester, four hours a week.

BIBLE.

Bible is required one hour a week in each of the four years. The aim is to familiarize the students with the main facts of Old Testament history and so prepare them for more advanced work in the college department. Aglen's Lessons in Old Testament History is employed as a text-book.

MANUAL TRAINING.

This course is open to juniors and seniors in the Academy. The work includes the practical use and care of ordinary hand-tools for wood-working, gluing, staining and varnishing, glass cutting, bending and filing of metals, drilling, and soldering. Two double hours a week for one year. Not offered in 1909-1910.

Commercial Department.

The commercial department is in charge of Miss Gertrude Crist.

In this department the following subjects are offered: Shorthand, Typewriting, Bookkeeping, Penmanship, Commercial Spelling, Commercial Arithmetic and Commercial Law. These courses can be completed, if desired, in one year, on the completion of which a certificate will be given attesting the work done.

The commercial department occupies rooms of its own, provided with stationary desks and drawers for books and material, and with a separate room for typewriting practice in which are standard typewriters.

Graham's Standard Phonography is the system taught. There are other systems easier to learn, but, so far as demonstrated, there is no system that outranks it in speed, legibility and all-round utility. This system is used by more than fifty per cent. of all court reporters in the United States. It is not aimed to compete with the "short term" schools, for the average student requires from six to twelve months to reach a speed of one hundred to one hundred and twenty-five words a minute in shorthand, new matter, and from thirty-five to forty words a minute on the typewriter on matter transcribed from notes.

The fees are the same as in the Academy.

Students who are pursuing collegiate or academic courses may take the above commercial branches without cost provided this can be done without prejudice to their class standing and provided further that the election is made at the time of organization of classes.

Students may enter bookkeeping, however, at any time in the year and the progress depends entirely upon their ability and the time devoted to the study.

Expenses.

The students' fees are paid as follows:

College—At the fall opening.....	Tuition,	$16.00
	Incidental fee,	7.50
" At the beginning of the sec-	Tuition,	16.00
ond semester	Incidental fee,	7.50
Academy—At the fall opening.....	Tuition,	13.00
	Incidental fee,	6.00
" At the beginning of the	Tuition,	13.00
second semester	Incidental fee,	6.00

The incidental fee is charged to meet the expense of fuel and repairs, except that $1.00 of every incidental fee is devoted to the library and reading room, and $3.00 to athletic purposes.

Edwards Hall (for young men)—Board, per week, average ..... $2.35 to 2.50
Room rent, per week ..... .35
Light and heat, per week, estimated..... .25

Eutrophian Hall (for young men)—Board, per week ..... $2.35 to 2.50
Room rent, per week 1.00

A monthly rental is charged the clubs for the use of dining room and kitchen.

Wallace Hall—Board, per week 3.25
Room rent, per week, including light and heat, two in a room, each ..... $1.00 to 1.50

Men's Dormitory—Room rent, with light and steam heat (inner rooms), two in a room, each ..... .75
Corner rooms, two in a room, each 1.00

Students rooming in the Men's Dormitory board at Eutrophian, in private families or in Edwards Hall.

Private Familes.—Board, per week..... $3.50 to $4.00
Room rent, per week..... .75 to 1.00

Extra Charges—

Laboratory.	
Physics, Academy, per semester	$1.00
Physics, College, per semester	2.50
Chemistry, per semester	5.00
Biology, per semester	3.00
Breakage of apparatus	Actual cost
Shop work, per semester	2.50
Manual Training, per semester	2.00
College Diploma	5.00
Academic Diploma	2.50

Right to revise rates on Brick Dormitory is reserved.

Each student in the College dormitories is required to deposit $2.50 (including deposit for key) as a guarantee against damage to college property, and to make it up to that amount at the opening of each semester thereafter. From this fund will be deduced (1) charges for damage for which he is personally responsible; (2) charges (pro rata) for damage done in dormitories by unknown hands. The surplus, if any, is refunded to the students at the end of the year, or when they leave the institution.

Payment of Fees.—Tuition and incidental fees must be paid in advance in two instalments.

No deductions are made except for sickness lasting a month or more.

Refunding Tuition.—If a student leaves the institution at any time after entrance without the approval of the faculty or because he has been suspended or dismissed no money will be refunded. Those withdrawing for other reasons, on or before the middle of a semester, will receive an equitable rebate.

Half Rates.—Sons and daughters of ministers are charged but half the usual rates of tuition. This concession is not limited to Presbyterian ministers.

All candidates for the ministry, of whatever church or denomination, receive tuition at half rates, upon the following conditions:

(1) Candidates for the Presbyterian ministry shall be under the care of Presbyteries, and shall present to the treasurer certifications to this fact from the clerks of the Presbyteries.

Candidates for the ministry of other denominations shall have their purpose to enter the ministry properly certified to by the proper ecclesiastical authorities.

(2) All such students will be held in honor bound to refund to the college treasury the amount of tuition received in the event of their abandoning their purpose to enter the ministry.

(3) Reduced tuition shall not be provided for any candidate for the ministry who indulges in the use of tobacco.

N. B.—The above concession, though made at a great sacrifice to the college, is offered cheerfully and with the purpose of enhancing, as far as possible, the usefulness of the college.

It is, however, justly expected of those who are thus helped that they will be faithful in promoting, as far as in their power, the welfare of the institution; and that they will complete their course of study at this institution.

Special Discount.—When more than one person from the same family attend college at the same time, a discount of twenty-five per cent. will be allowed on the tuition of each person after the first. This rule does not apply to those receiving half tuition.

High School Scholarships.—To the person graduating with first honor in any high school, the Board of Trustees will give a scholarship which entitles the hold-

er thereof to free tuition for the ensuing year. To the one graduating with second honor, a half scholarship will be given, which entitles the holder to half tuition for the same time. No student shall be entitled to two concessions of any kind.

The same scholarships are offered those who are graduated from the Academy with first and second honors.

Rooms.

(1) Furniture.—All rooms in men's dormitories are furnished with bedsteads (two-thirds size), mattresses, commode, bowl and pitcher, study-table, bookshelves and three chairs. Students in the dormitories must provide their own bed clothing, towels, napkins, and (if they want them) carpets or rugs. In Wallace Hall there are single iron beds, mattresses, pillows, dresser, study table, two rockers, two study chairs, a lavatory with hot and cold water, steam heat and electricity. Floors are hard wood.

(2) Application.—Application for room in the dormitories should be made as early as convenient to the President, enclosing $1.00, which will be applied on room rent. Applicants should state in which hall they desire a room. Rooms will not be held later than the opening of the term unless the room rent is advanced for the period of delay. In case applicants fail to come, the money advanced will not be returned. Rooms will be assigned in the order of application.

(3) Payment of Room Rent.—Room rent in the dormitories is payable monthly in advance.

No deduction is made for vacations during school year. Students are charged for their rooms till they are formally vacated—whether continuously occupied or not—and keys surrendered.

Summary of Expenses.

The net expenses for the year, including washing (reckoned at $18.00), are estimated approximately as follows:

College ..... $200 to $250
Academy ..... 190 to 225

For those who receive tuition at half rates the above expenses are reduced about $15.00.

The above does not include books, traveling expenses, and pin money.

It is the policy of the College to keep down the expenses of the students to the lowest point consistent with healthful living, good taste and reasonable comfort.

To Parents.

Parents are earnestly requested (1) to note the rule of the Board requiring the payment of tuition in advance; (2) to examine carefully the reports of standing sent out at the close of each semester (half semester in the case of students of the Academy); (3) to furnish their sons and daughters with but little more money than is needed to meet the necessary expenses as stated above.

Students found to be spending money too freely will not be retained in the institution.

Parents and friends of the students are cordially invited to visit the College, when in either city, attend the classes and observe for themselves how the institution is conducted.

Macalester Park as a Place of Residence.

Macalester Park is one of the pleasantest suburbs of St Paul. It has excellent street car service; gas mains, sewers and water mains are laid in the more im-

portant streets. St. Paul is one of the most healthful cities in America, and enjoys the advantage of a bountiful supply of pure water drawn from spring-fed lakes.

Macalester Park is now connected with Minneapolis by a new and more direct street car line by way of Marshall avenue, St. Paul, and Lake street, Minneapolis.

Parents who contemplate moving to the vicinity of some seat of learning for the education of their children, are urged to consider the advantages of Macalester Park as a place of residence.

There is an excellent ward school in the neighborhood, and the local church heartily welcomes to its services all the residents of the Park.

Honorary Degrees

Conferred by Macalester.

No honorary degrees were given by Macalester College before 1901.

1901: D. D. to Rev. Charles Thayer, Ph. D.....Minneapolis, Minn.

D. D. to Rev. George W. Davis, Ph. D., St. Paul, Minn.

1902: D. D. to Rev. H. F. Stilwell, First Baptist Church....St. Paul, Minn.

D. D. to Rev. J. Le Moyne Danner.....Tacoma, Wash.

LL. D. to Hon. Thomas Wilson.....St. Paul, Minn.

1903: D. D. to Rev. Joseph Cochran, Macalester, '89.....Philadelphia, Pa.

1904: D. D. to Rev. Stanley B. Roberts..Minneapolis, Minn.

1904: M. A. to Myron A. Clark, Macalester, '90.....Rio Janeiro, Brazil.

1905: D. D. to Rev. Charles F. Hubbard.....Auburn, N. Y.

1906: D. D. to Rev. Donald D. McKay.....Tacoma, Wash.

1907: D. D. to Rev. Archibald Cardle, Macalester '94..... Burlington, Iowa.

Roll of Alumni.

Class of 1889.

George Washington Achard....Business, Minneapolis, Minn.
Jos. Wilson Cochran.....Minister, Philadelphia.
Ulysses Grant Evans .....Minister, Derby, Iowa
James Chase Hambleton.....Teacher, Columbus, Ohio.
Benjamin Wallace Irvin.....'....Deceased.
Samuel M. Kirkwood.....Surgeon, St. Paul, Minn.
Wm. Porter Lee.....Minister, Germantown, Pa.
Paul Erskine McCurdy.....Business, Philadelphia, Pa.
Louis Ferdinand Slagle.....Deceased.
Charles Albert Winter.....Business, New York City.

Class of 1890.

Myron A. Clark.....Sec. Y. M. C. A., Rio Janeiro, Brazil.
Thaddeus T. Cresswell.....Minister, Pomona, Cal.
John Knox Hall.....Missionary, Denver, Col.
William Henry Humphrey.....Deceased.
William Paul Kirkwood.....Editor, Minneapolis Journal.
Amos Avery Randall.....Minister, Princeville, Ill.
Judson L. Underwood.....Missionary, Ponce, Porto Rico.

Class of 1891.

Frank Brown .....Willmette, Ill.
Walter F. Finch.....Minister, Slayton, Minn.
Walfred Sunberg .....Deceased.
William B. Turner .....Business, Boston, Mass.
Thomas C. Williamson.....Business, Greenwood, S. D.

Class of 1893.

James Carlisle Simonton.....Business, St. Paul, Minn.
Joseph Zoll.....Address Unknown.

Class of 1894.

Francis W. Beidler.....Minister, Del Norte, Colo.
Archibald Cardle .....Minister, Burlington, Iowa.
Paul A. Ewert.....Attorney, Miami, Okla.
George E. Johnson.....Business, Sayre, Okla.
Sam'l M. Harsh.....Minister, Amboy, Minn.
Wm. H. Sinclair.....Minister, Clarksville, Iowa.

Class of 1895.

Frank E. Balcome.....Physician, St. Paul, Minn.
John W. Christianson.....Minister, Castlewood, S. D.
Thomas Fitz-Morris Clark.....Minister, St. Croix Falls, Wis.
Chas. D. Darling.....Minister, Minneapolis, Minn.
Ed. Howard Gordon.....Deceased.
Harry Clinton Schuler.....Missionary, Teheran, Persia.
John Hansen Sellie.....Minister, Buffalo, Minn.
Nels Sunby, p. c.....Minister, Centennial, Wyoming.
Arthur Whitney Vance .....
City Editor, Daily News, St. Paul, Minn.

Class of 1896.

Alexander Edward Cance .....
Teacher, Mass. Agr'l School, Amherst, Mass.
Moses M. Maxwell.....Minister, St. Paul, Minn.
Samuel F. Sharp.....Minister, Alliston, Ontario, Can.

Class of 1897.

Albert Ernest Evans.....Minister, Russell, Minn.
Charles W. Hansen.....Minister, Brown's Valley, Minn.
Ernest Charles Henke.....Minister, Baraboo, Wis.
George Leck .....Deceased.
John McLearie .....
Professor, State School of Mines, Rapid City, S. D.
Winifred Moore-Mace .....Beresford, S. D.
Arthur A. Palmer.....Minister, Morgan, Minn.
Charles Petran.....Missionary, Aguascalientas, Mexico.
Louis B. Sherwin.....Minister, Florence, Wis.
William K. Sherwin.....Minister, Carlton, Minn.
Arthur G. Welbon.....Missionary, Seoul, Korea.

Class of 1898.

Clarence Dwight Baker .....Deceased.
Charles Warren Dade.....Minister, Sebeka, Minn.
Anna Moore Dickson.....Teacher, H. S., St. Paul, Minn.
Caspar Gregory Dickson .....Clerk Nat. Lib'y, Washington.
Nellie M. Flanders-Sherwin.....Carlton, Minn.
John M. Guise .....Prin. of School, St. Paul, Minn.
Carlton Leslie Koons.....Minister, Eau Claire, Wis.
Robert C. Mitchell.....Minister, Indianola, Ia.
William James Mitchell.....Minister, Brighton, Wash.
David Walter Morgan.....Minister, Birmingham, Iowa.

Class of 1899.

Hugh S. Alexander.....Prof. Mac. College, St. Paul, Minn.
Walter Baker Augur.....Minister, Arriba, Colo.
Charles Allen Clark.....Missionary, Seoul, Korea.
Ralph Elmo Clark.....Minister, St. Peter, Minn.
Paul Doeltz.....Missionary, Iloilo, Philippine Islands.
G. C. Edson.....Minister, Brooklyn, N. Y.
Thomas George Jamieson.....Business, Calgary, Can.
Almira F. Lewis.....Pueblo, Colo.
James Murray .....Minister, Asotin, Wash.
Samuel Merton Pinney.....Supt. Schools, Shakopee, Minn.
Jacob Elmer Smits.....Business, Fairmont, Minn.
George Stanley.....Minister, Rushford and Utica, Minn.
Murray Alberton Travis.....Minister, Aurora, Ill.

Class of 1900.

John Calvin Abels.....Minister, Washington, Ia.
Mills Strong Grimes..... .....Minister, Madelia, Minn.
Ralph Emerson Herron.....Business, Manito, Ill.
John Robert Landsborough.....Minister, Oregon City, Ore.
Ernest A. Oldenburg.....Minister, Valparaiso, Ind.
Mathilde Pederson.....Business, Strum, Wis.
Irving David Roach.....Business, Azusa, Cal.
William James Sharp.....Minister, So. Tacoma, Wash.
Roy Walker Smits.....Supt. Schools, Kelso, Wash.
David A. Thompson.....Minister, Selwood, Portland, Ore.

Class of 1901.

Wm. Beckering.....Minister, Dostberg, Wis.
Louis Benes..... ....Minister, Waupun, Wis.
Henry Roy Bitzing.....Lawyer, Mandan, N. D.
Percy Porter Brush.....Business, Kelso, Wash.
Charles Morrow Farney.....Business, St. Paul, Minn.
Henry D. Funk.....Prof. Mac. College, St. Paul, Minn.
Nathaniel E. Hoy.....Meadow, S. D.
Lewis Hughes .....Ottawa, Minn.
Richard U. Jones.....Prof., Mac. College, St. Paul, Minn.
W. C. Laube.....Professor and Minister, Dubuque, Ia.
Millicent V. Mahlum.....Teacher, Brainerd, Minn.
William H. Travis.....Prof. Palacios College, Palacios, Tex.
Lily Bell Watson.....Macomb, Ill.

Class of 1902.

Frederick Brown.....Minister, Lansing, Mich.
Robert L. Davidson.....Teacher, Kent, Wash.
Sarah A. Haines.....Austin, Minn.
Grace Iddings-Fletcher.....Grand Forks, N. D.
Leonard L. Mann..... Waupun, Wis.
Francis H. Newton.....Minister, Bickleton, Wash.
Winifred R. Pringle-Weber.....Bayfield, Wis.
Edgar E. Sharp.....Lawyer, Moorhead, Minn.
Benjamin Bruce Wallace.....Univ. of Wis., Madison, Wis.
Helen Margaret Wallace-Davies.....Grand Rapids, Minn.

Class of 1903.

John Morton Davies.....Minister, Grand Rapids, Minn.
Bessie Shepard Doig-Jacobson.....Ely, Minn.
Julia Anita Elmer.....Teacher, St. Paul, Minn.
Peter Erickson.....Minister, Drayton, N. D.
Ebenezer Thomas Ferry.....Minister, Morrisville, Pa.
Emma Inez Godward-Davies.....Stamford, Nebr.
Robert McMaster Hood.....Minister, Sunset, Wash.
Peter Westin Jacobson.....Minister, Ely, Minn.
Raymond Lewis Kilpatrick.....St. Paul, Minn.
Donald Norman MacRae .....
Minister, Glace Bay, Cape Breton, N. S.
Henry Morgan.....City Editor Press, St. Paul, Minn.
Joseph E. Rankin.....Minister, St. James, Minn.
Mary J. Rankin.....Missionary Teacher, Ozone, Tenn.
Pitt Montgomery Walker....Minister, Fall River Mills, Cal.
Max. M. Wiles.....Minister, Chicago, Ill.
William H. Weber.....Business, Bayfield, Wis.

Class of 1904.

Grace Ivanore Chapin-Sharp.....Moorhead, Minn.
Peter Arthur Davies.....Stamford, Nebr.
Thomas Hunter Dickson.....Med. Student, U. of M., Minn.
Margaret Evans-Detweiler .....Lake Crystal, Minn.
William Horatio Kendall.....Farmington, Ill.
Alfred Edward Koenig.....Student U. of Wis., Madison, Wis.
William Oliver Rothney.....Minister, Winnipeg, Can.
Henry John Voskuil.....Missionary, Amoy, China.
Tolbert Watson.....Physician, Albany, Minn.
Mabel Wicker.....Teacher, Spring Grove, Minn.

Class of 1905.

John Thomas Anderson.....Theo. Student, Waterloo, N. Y.
Earl Kenneth Bitzing.....Editor, Mandan, N. D.
Eugene Erwin Bromley.....Sitka, Alaska
Isabelle Alice Elmer.....St. Paul, Minn.
Asa John Ferry .....Minister, Philadelphia, Pa.
Thomas Edwin Flinn.....Med. Student, Chicago, Ill.
Ledru Otway Geib.....Med. Student, Detroit, Mich.
Mary Carnahan Guy-Shellman, Missionary, Pitsanuloke, Siam.
Marie Grace Jamieson.....Student, Chicago U., Ill.
Daniel Griffin Le Fever.....Principal, Tyler, Minn.
James Albert Slack.....Minister, Yorktown, Iowa
Robert Owens Thomas.....Horicon, Wis.
Jane Turnbull .....Teacher, Kerkhoven, Minn.

Class of 1906.

Levi H. Beeler....Pres. Henry Kendall College, Tulsa, Okla.
James Ekin Detweiler.....Theo. Student, Louisville, Ky.
James Hamilton.....Minister, Webster, Nebr.
Roscoe Cliver Higbee.....Law Student, St. Paul, Minn.
Alexander Hood .....San Anselmo, Cal.
Albert Kuhn.....Prof. Presby Sem., Dubuque, Ia.
Paul H. Th. Rusterholz.....Teacher, Canton, S. D.
Ruth Estella Swasey-Rusterholz.....Canton, S. D.
Gordon Graham Thompson.....Med. Student, Chicago.
Frank Harvey Throop.....Theo. Student, Chicago.
Margaret Turnbull.....Teacher, MacIntosh, Minn.

Class of 1907.

William Harvey Amos.....Howard Lake, Minn.
James Albert Caldwell.....Chippewa Falls, Wis.
Robert W. Davies.....Principal, Taylors Falls, Minn.
Josephine Elmer.....St. Paul, Minn.
Marshall Gregory Findley.....Teacher, Zumbrota, Minn.
Richard David Hughes.....Theo. Student, Chicago, Ill.
Martha Antoinette Jacobsen....Principal, Rush City, Minn.
Henrietta Cecelia Lundstrom.....Teacher, Dassel, Minn.
Rose Amelia Metzger.....Principal, Drayton, N. D.
David McMartin.....Theo. Student, Princeton, N. J.
Rhoda Catherine MacKenzie.....Teacher, Oshkosh, Wis.
Richard Samuel Nutt.....Bank Cashier, Mondak, Mont.
Ole Johnson Oie.....Student, Univ. of Minn.
William Fred Pottsmith.....Theo. Student, Chicago, Ill.
Mary Pauline Payne.....Teacher, Mapleton, Minn.
Minerva Schlichting.....Teacher, Argyle, Minn.
Ruth Adelia Sherrill.....Teacher, Morgan, Minn.
Mary Helen Smith.....South St. Paul, Minn.
Geo. Hill Smith.....Business, Minneapolis, Minn.

Class of 1908.

George Kemp Aiken.....Reporter, St. Paul, Minn.
Hanna Sophia Berg.....Rush City, Minn.
Ralph Brinks.....Teacher, E. Grand Forks, Minn.
Richard Stanley Brown.....Sharon, N. D.
Edith Frederica Cale.....Teacher, Cottonwood, Minn.
Clifford Clement Cornwell....Theo. Student, Auburn, N. Y.
Evan Milton Evans.....Law Student, St. Paul, Minn.
Rosella Evans .....Le Sueur, Minn.
James Todd Guy.....Law Student, St. Paul, Minn.
Mary Elizabeth Guy.....Principal, Sherburne, Minn.
Walter Mell Hobart.....Theo. Student, Auburn, N. Y.
Lucy MaBelle Hyslop.....Chester, Minn.
Nina Foy Johnson.....Teacher, Preston, Minn.
Margaret Edith Lakey.....Teacher, Page, N. D.
Peter McEwen.....Theo. Student, Chicago, Ill.
Luke Edward Marvin.....Moody's Bible School, Chicago, Ill.
Martha Bessy Olson-Bromley.....Sitka, Alaska
Stanley Hall Roberts.....Theo. Student, Auburn, N. Y.
Lydia Anna Schroedel.....Student, St. Paul, Minn.
Clarence Mason Stearns.....Business, St. Paul, Minn.
Robert Sinclair Wallace.Student of Yale U., New Haven, Conn.

Alumni of the School of Music.

Class of 1900.

Mrs. Maud Taylor-Hansen, piano.....Brown's Valley, Minn.

Class of 1901.

Millicent Viola Mahlum, piano.....Brainerd, Minn.

Class of 1905.

Grace Taylor, voice .....
Mrs. W. H. Amos, piano.....Howard Lake, Minn.

Class of 1906.

Carmen Mahlum, voice .....Brainerd, Minn.
Pearl Neeb, voice..... Lewiston, Minn.
Charrie Robertson, voice .....Rushford, Minn.
Mildred Gretchen Phillips, piano.....St. Paul, Minn.
Paul H. Th. Rusterholz, voice.....Canton, S. D.

Class of 1907.

Gyda Hansen, voice.....St. Paul, Minn.
Richard U. Jones, voice.....St. Paul, Minn.

Class of 1908.

Ethel Erckenbrack, voice.....Parkers Prairie, Minn.
Ada Nash, piano.....Pipestone, Minn.
Gladys Neff, piano.....Neillsville, Wis.
Minnie Tullar, piano and voice.....Warren, Minn.
Clara Odenwald, voice.....Jordan, Minn.

Roll of Students.

COLLEGE.

Senior Class.

Emma Bertelle Barker.....Slayton, Minn.
Lucas H. Brinks .....Princeton, Minn.
Albert Daniel Davies .....Minneapolis, Minn.
David Roy Jones .....Ottawa, Minn.
Lulu Lane Piper ..... Berwyn, Ill.

Junior Class.

William Jefferson Bell .....Fergus Falls, Minn.
Joseph Vaclav Beran.....Turtle Lake, Wis.
Charles Taylor Burnley .....Hudson, Wis.
Edward Graham Campbell.....Blooming Prairie, Minn.
Edward John Carson .....Le Sueur, Minn.
Josie Evalyn Chaney.....Dallas Center, Iowa.
Myrtle Alice Cosgrove.....Le Sueur, Minn.
Ruth Minerva von Dorn.....St. Paul, Minn.
John Andrew Evert .....St. Paul, Minn.
June Rose Evert .....St. Paul, Minn.
Wilbur Mills Fisk.....Pipestone, Minn.
Jesse Willis Hamblin.....Duluth, Minn.
Helen Mary Hunt .....St. Paul, Minn.
John Archibald McEwen.....Cavalier, N. D.
Pearl Alma Nash .....Pipestone, Minn.
Mildred Gretchen Phillips.....St. Paul, Minn.
Minnie Mae Pierson .....Minnewaukan, N. D.
Fidelia Auten Pine .....St. Paul, Minn.
Mary Elsie Raymond .....Minneapolis, Minn.
Gladys Isabelle Roberts .....Minneapolis, Minn.
Jeannette Paulina Sawyer .....St. Paul, Minn.
Elmer Stuart Smith .....Lisbon, N. D.
Vernon Elliott Stenersen .....Minot, N. D.
Anna Elizabeth Taylor .....Austin, Minn.
June Adelia Woodward .....Granite Falls, Minn.

Sophomore Class.

Robert Walter Baskerville.....Royalton, Minn.
William Ernest Baskerville.....Royalton, Minn.
Allan Hill Brown .....Fargo, N. D.
Homer Clyde Cardle .....Blue Earth, Minn.

Janet Isabella Dodds .....Claremont, Minn.
Donald Smith Doty .....St. Paul, Minn.
Effie Miranda Ellison .....La Moure, N. D.
Hulda Olivia Ellison .....La Moure, N. D.
Oscar Melvin Ellison .....La Moure, N. D.
Marjorie Lucy Hanson .....Warren, Ohio.
Bayard William Heed .....Cokato, Minn.
Ruth Heller .....St. Paul, Minn.
Stanley Hurlbut Hodgman .....St. Paul, Minn.
William Andrew Horne.....Oxbridge, Ontario, Can.
Ernest Wilbur Johnson.....Neche, N. D.
Floretta Southwell McAllister .....Slayton, Minn.
Sarah Elizabeth MacKnight .....St. Paul, Minn.
Luella Irene Murphy.....Madelia, Minn.
Adelaide Wadsworth Payne .....St. Paul, Minn.
Leland William Porter .....St. Paul, Minn.
William Roy DeWitt Wallace .....New York, N. Y.
Edna Frances White .....Amboy, Minn.

Freshman Class.

Edmund Sheldon Adams .....Luverne, Minn.
Anna Elizabeth Anderson .....Alpha, Minn.
Edward Ausgarius Anderson.....Wheaton, Minn.
Dorothy Elizabeth Baumgart.....St. Paul, Minn.
Clara Berdan .....Chatfield, Minn.
Ruby C. Bredenhagen .....St. Paul Minn.
James Brinks .....Princeton, Minn.
Roscoe James Brown .....Fairmont, Minn.
Ruth Elizabeth Campbell.....St. Paul, Minn.
Orville Clifton Cardle .....Blue Earth, Minn.
Fred Franklin Carson .....Le Sueur, Minn.
Naomi Alice Chace .....Marshall, Minn.
Mae Pauline Chesnut .....Minneapolis, Minn.
Bessie Florence Clark .....St. Paul, Minn.
Roy Marvin Clark .....Fairmont, Minn.
Mabel Emma Cosgrove .....Le Sueur, Minn.
Ada Hulda Caroline Dahlgren .....Fergus Falls, Minn.
Evan Wynne Davies .....Minneapolis Minn.
Ellice Churchill von Dorn.....St. Paul, Minn.
Lila Eva Dossett .....Madelia, Minn.
Alpha Jeanette Dunlap .....Mandan, N. D.
Selma Cecilia Ekberg .....Dassel, Minn.
Lane Caruthers Findley .....Spicer, Minn.
Jessie Ellen Fisher .....Cottage Grove, Minn.
Frederick William Funk .....Alexandria, Nebr.
Clarence Oscar Graue .....Blue Earth, Minn.
Dixie Elizabeth Haynes .....Miles City, Mont.

Hester Hugunin .....St. Paul, Minn.
Arthur Billings Hunt .....St. Paul, Minn.
Florence Hunt .....St. Paul, Minn.
Earl Duane Jenckes .....Pipestone, Minn.
Clarence Eugene Johnson .....Cokato, Minn.
Marion Burdick Jones .....Wabasha, Minn.
Blossom Marjorie Lang .....Mandan, N. D.
Clarence Nathaniel Lindberg .....Red Wing, Minn.
Lucile Francis McCabe .....St. Paul, Minn.
Elmer Shepard McCourt .....St. Paul, Minn.
Ruth Anna McKinlay.....Medford, Minn.
Lewis Whitford Matteson .....Williston, N. D.
Roy Elgie Metcalf .....St. Paul, Minn.
Clarice Audrey Miller .....Ely, Minn.
Vaughan Fay Miller .....La Moure, N. D.
Russell Stephen Peterson .....Willmar, Minn.
John Gottfried Schmidt .....Blue Earth, Minn.
Mae Frances Schneider .....Salem, S. D.
William Earl Noyes.....Dows, Ia.
Josephine Sargent Sechler .....Sechlerville, Wis.
Ella Adelia Stearns .....Jasper, Minn.
Florence Bertha Sterling .....Mandan, N. D.
Edna Alda Stewart .....Delhi, Minn.
Harry Albert Stock .....Carlisle, Pa.
Cassie Marie Stoddart .....St. Paul, Minn.
Oakley Russell Tripp .....Round Lake, Minn.
Oscar Westerlund .....St. Paul, Minn.
Harry Merrium Willmert .....Blue Earth, Minn.
David Wilson .....Port Elgin, Ontario.
Ralph Calvin Wilson .....Maine, Minn.

Special Students.

Ardelia Rebecca Bisbee.....Madelia, Minn.
Alma Rebecca Brown .....Eden Prairie, Minn.
Sidney Dale Bumgardner .....St. Paul, Minn.
Paul Irvine Carman .....St. Paul, Minn.
Grace F. Daniels .....Mitchell, S D.
Edna Dunlop.....Minneapolis, Minn.
Albert Howard Gammons .....St. Paul, Minn.
Ruth Elaine Godward .....Elbow Lake, Minn.
Ethel Haggard .....Mankato, Minn.
Bertha Lillian Hall .....Minnewaukan, N. D.
May McDonald .....Chippewa Falls, Wis.
Peter MacFarlane .....Northcote, Minn.
Jessie Meacham .....Hudson, Wis.
Rhea Le Pierre Rocheleau .....Ocean Park, Cal.
Frederick Samuel Shimian .....Superior, Wis.
Norman Kendall Tully .....Grand Rapids, Minn.

Louise Elizabeth Wallace ..... Monte Vista, Colo.
Ruby Wilson ..... Pierpont, S. D.
Annie May Woodworth ..... Carlton, Minn.

ACADEMY.

Senior Class.

Marion Azella Backus ..... Minneapolis, Minn.
Mary Etta Bishop ..... Brainerd, Minn.
George Oliver Chase ..... Florence, Nebr.
Charles Edward Clark ..... Blue Earth, Minn.
Constance Emily Davis ..... St. Paul, Minn.
Archie Earl Dean ..... Craik, Sask.
Charles Knight Elmer ..... St. Paul, Minn.
Hazel Hilscher ..... St. Paul, Minn.
Arthur William Larsen ..... St. Paul, Minn.
Marjorie Oram Leach ..... St. Paul, Minn.
Eugene Andrew McCornack ..... St. Paul, Minn.
Robert Lee McCornack ..... St. Paul, Minn.
Esther Auten Pine ..... St. Paul, Minn.
Bertha Day Poole ..... St. Paul, Minn.
Graham Walls Scott ..... Minneapolis, Minn.
John Van Swearingen ..... Hookstown, Pa.
Florence Adell Switzer ..... Two Harbors, Minn.

Junior Class.

Wallace Jay Anderson ..... Eden Prairie, Minn.
Hosea Greenwood Bosley ..... Harlem, Mont.
Truman Dean Brown ..... Eden Prairie, Minn.
Helen Marie Dixon ..... St. Paul, Minn.
Margaret MacGregor Doty ..... St. Paul, Minn.
Marjorie Du Shane ..... St. Paul, Minn.
Charles E. Ehlers ..... Watkins, Minn.
Annand Noble Ferry ..... Warroad, Minn.
Lloyd Gilmore ..... Hope, N. D.
Elizabeth Winona Lindsey ..... Poplar, Mont.
Edward Everett McCabe ..... St. Paul, Minn.
Lois Euphemia McEwan ..... St. Paul, Minn.
Helen Edna McGee ..... St. Paul, Minn.
Lily Blanche Mowat ..... St. Paul, Minn.
Axel Algot Olson ..... St. Paul, Minn.
Albert H. Porter ..... Duluth, Minn.
Edward Carlton Roberts ..... Minneapolis, Minn.
Gertrude Gray Smith ..... St. Paul, Minn.
John William Stuhr ..... Euclid, Minn.

Vera Maud Tormey ..... St. Paul, Minn.
Isabel Voss ..... Mandan, N. D.

Second Year Class.

Arthur Glenn Adams ..... Delhi, Minn.
Edna Henrietta Borg ..... Delhi, Minn.
Arthur George Brown ..... Eden Prairie, Minn.
Margaret Marie Defiel ..... St. Paul, Minn.
Phyllis Atherton Drew ..... St. Paul, Minn.
James Ross Du Shane ..... St. Paul, Minn.
Helen Marguerite Fuglede ..... St. Paul, Minn.
Myrtha Marie Gunderson ..... St. Paul, Minn.
Guy Marcellus Johnson ..... Cambridge, Minn.
Roscoe McCormick ..... White Lake, S. D.
Blanche Hazel Macdonnell ..... St. Paul, Minn.
Samuel Hillis McFadden ..... Tyner, N. D.
Walter Ernst David McGarvie ..... Tamarack, Minn.
Miller H. McLain ..... Minneapolis, Minn.
Emily Helen Payne ..... St. Paul, Minn.
Sandie James Richardson ..... Austin, Minn.
Carolyn E. Smith ..... St. Paul, Minn.
Dorothy Elizabeth Thomas ..... St. Paul, Minn.
Ruth Tormey ..... St. Paul, Minn.

First Year Class.

Esther Clara Abbetmeyer ..... St. Paul, Minn.
Herman Elof David Almquist ..... St. Paul, Minn.
Albert Christopher Barbo ..... Deronda, Wis.
George William Barbo ..... Deronda, Wis.
Caroline Robert Bishop ..... St. Paul, Minn.
Julia Brathing ..... Battle Lake, Minn.
Jean Brawley ..... St. Paul, Minn.
Grace Brown ..... St. Paul, Minn.
Nettie Anna Brown ..... Le Sueur, Minn.
Imogene Buswell ..... St. Paul, Minn.
Chester Louis Coleman ..... St. Paul, Minn.
Marie Thaasen Dahlquist ..... St. Paul, Minn.
Francis Marion Dana ..... St. Paul, Minn.
Margaret Douglass Downing ..... St. Paul, Minn.
Stephen Henry Dysinger ..... St. Paul, Minn.
Gwendolyn Lotimer Eastman ..... St. Paul, Minn.
Clifton Edward Gabrielson ..... St. Paul, Minn.
Erma Johnson ..... St. Paul, Minn.
Christopher Leo Kenny ..... St. Paul, Minn.
Frederick Joseph Kenny ..... St. Paul, Minn.

Alvin O. Leuzinger ..... Waverly, Minn.
Jacob Fred Leuzinger ..... Waverly, Minn.
Alta Ruth Lindsey ..... Poplar, Mont.
Archie George Lizee ..... St. Paul, Minn.
Harold Hamilton Lovell ..... St. Paul, Minn.
Mabel Lenore Lundsten ..... Waconia, Minn.
William B. Lynch ..... St. Paul, Minn.
William Hugh McAfee ..... St. Paul, Minn.
John Thomas McCallum ..... St. Paul, Minn.
Stuart Ainslie McLeod ..... St. Paul, Minn.
Loana Miriam Miller ..... St. Paul, Minn.
Samuel G. Schiek ..... Grant Park, Ill.
Grace Seigman ..... St. Paul, Minn.
Mabel Parthenia Smith ..... St. Paul, Minn.
Hattie Smuckler ..... St. Paul, Minn.
Harlan Glover Stacy ..... Minneapolis, Minn.
Arthur Chamberlain Still ..... St. Paul, Minn.
Clarence Oliver Taylor ..... Austin, Minn.
Elmer Trolander ..... Alborn, Minn.
Vera Marie Utter ..... St. Paul, Minn.
Mary Helen Wade ..... St. Paul, Minn.
Vivian Lucile Watson ..... St. Paul, Minn.
Marian Esther Wilkinson ..... St. Paul, Minn.
John Russell Williams ..... Minneapolis, Minn.
Elda Mary Wilson ..... Maine, Minn.

Special Students.

Pauline Allen ..... St. Paul, Minn.
Gladys Archibald ..... St. Paul, Minn.
Barbaralena Armstrong ..... Walhalla, N. D.
Sallie Bird Bishop ..... Brainerd, Minn.
Ruth Carter ..... Grand Forks, N. D.
Edward Christensen ..... Elbow Lake, Minn.
Mildred Corliss ..... Grand Forks, N. D.
Herbert Otto Defiel ..... St. Paul, Minn.
Kate Willis Drummond ..... St. Paul, Minn.
Ethel Erckenbrack ..... Parkers Prairie, Minn.
Steele Fisher ..... Armstrong, B. C.
Bertha Gladys Frederick ..... Minneapolis, Minn.
William Glen Hodge ..... Elkton, S. D.
Mary Irene Hodgeden ..... Aitkin, Minn.
Alys Louise Hunt ..... St. Paul, Minn.
Henrietta Lambrecht ..... St. Paul, Minn.
Rosabel Julie Messenger ..... St. Paul, Minn.
Lorraine Vern Miller ..... La Moure, N. D.
Isabelle Hamilton Mills ..... St. Paul, Minn.
Louise Moore Patteson ..... Penn Yan, N. Y.
Harriet Mary Pierce ..... St. Paul, Minn.

Grace Tanner Porter ..... La Moure, N. D.
Leo De Rochford ..... Austin, Minn.
Elsie Elizabeth Scott ..... Forest Grove, Ore.
May Foster Stegner ..... St. Paul, Minn.
Edward Chase Varney ..... St. Paul, Minn.
Helen Evelyn Voss ..... Mandan, N. D.
Eva Drusilla Gertrude Walker ..... Humboldt, Minn.

Commercial Students.

John Carlyle Archibald ..... St. Paul, Minn.
Vava Angeline Backus ..... Minneapolis, Minn.
Archibald Walter Gammell ..... Chatfield, Minn.
Orrin Ives Hall ..... Zumbrota, Minn.
Signe Margaret Johanson ..... St. Paul, Minn.
Mabel Johnson ..... St. Paul, Minn.
Anna M. LeValley ..... Miles City, Mont.
Louise Augusta Lindeberg ..... Miles City, Mont.
Edith Celestie Nelson ..... St. Paul, Minn.
Mildred Caroline Neuenschwander ..... St. Paul, Minn.
Ernest Edward Obernolte ..... Tamarack, Minn.
Lloyd Darwin Olney ..... Minneapolis, Minn.
Agnes Sylvia O'Regan ..... St. Paul, Minn.
Cynthia Snyder ..... Rose Creek, Minn.
Gladys M. Snyder ..... Rose Creek, Minn.
Jessie Stevens ..... Eau Claire, Wis.
Clarence Arthur Stoneburg ..... Cambridge, Minn.
Ella Underdahl ..... Mandan, N. D.
George H. Underleak ..... Chatfield, Minn.

Music Students.

Pauline Allen, p., h. ..... St. Paul, Minn.
Anna Elizabeth Anderson, p. ..... Alpha, Minn.
William Jefferson Bell, p. ..... Fergus Falls, Minn.
Ardelia Rebecca Bisbee, p., h. ..... Madelia, Minn.
Edna Henrietta Borg, v. ..... Delhi, Minn.
Lucas Brinks, v. ..... Princeton, Minn.
Roscoe James Brown, v. ..... Fairmont, Minn.
Edward Graham Campbell, v. ..... Blooming Prairie, Minn.
Ruth Carter, p., v., h. ..... Grand Forks, N. D.
Naomi Chace, p. ..... Marshall, Minn.
Mildred Corliss, p., v., h. ..... Grand Forks, N. D.
Ada Hulda Caroline Dahlgren, v., h., p. s. ... Fergus Falls, Minn.
Grace Daniels, p. ..... Mitchell, S. D.
Lila Eva Dossett, p. ..... Madelia, Minn.
Ethel Erckenbrack, v., h., p. s. ..... Parkers Prairie, Minn.
Ruth Godward, p., h. ..... Elbow Lake, Minn.

Myrtha Marie Gunderson, p.....St. Paul, Minn.
Ethel Haggard, p.....Mankato, Minn.
Bertha Lillian Hall, v., p., p. s.....Minnewaukan, N. D.
Clarence Eugene Johnson, violin.....Cokato, Minn.
Anna Le Valley, p., h.....Miles City, Mont.
Henrietta Lambrecht, p., h.....St. Paul, Minn.
May McDonald, p., h.....Chippewa Falls, Wis.
Isabelle Mills, p.....St. Paul, Minn.
Lorraine Vern Miller, p., h., p. s.....La Moure, N. D.
Rosabelle Messenger, p.....St. Paul, Minn.
Grace Tanner Porter, p., h.....Mandan, N. D.
Mildred Gretchen Phillips, v.....St. Paul, Minn.
Harriet Mary Pierce, p.....St. Paul, Minn.
Rhea Rocheleau, p., h.....Ocean Park, Cal.
Elsie Elizabeth Scott, p., v.....Forest Grove, Ore.
Florence Adell Switzer, p.....Two Harbors, Minn.
Josephine Sargent Sechler, p., h.....Sechlersville, Wis.
Mae Frances Schneider, p.....Salem, S. D.
Anna May Woodworth, p., h.....Carlton, Minn.
Elva Drusilla Gertrude Walker, p., v.....Humboldt, Minn.
Louise Elizabeth Wallace, v.....Monte Vista, Colo.
Ruby Wilson, p., v.....Pierpont, S. D.

Summary of Students.

College	109	
College Specials	19	
Preparatory	102	
Preparatory Specials	28	
Commercial	19	
Music	38	
		315
Counted Twice		38
Total		277

UNIVERSITY OF ILLINOIS

PRESIDENT'S OFFICE

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MACALESTER COLLEGE BULLETIN

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APRIL 1910

1909-1910

VOLUME VI **NUMBER 4**

UNIVERSITY OF ILLINOIS

PRESIDENT'S OFFICE

MEN'S DORMITORY. MAIN BUILDING.

CATALOGUE

OF

Macalester College

Baldwin School

(Macalester Classical Academy)

UNIVERSITY OF ILLINOIS

AND

PRESIDENT'S OFFICE

Macalester School of Music

1909-1910

SAINT PAUL, MINNESOTA

Entered April 29, 1905, at Saint Paul, Minn., as second class matter under act of congress July 16, 1894.

College Calendar.

1910-1911.

May 14. Saturday, Senior Vacation begins.
June 1. Wednesday, 8:15 p. m., Academy Play.
June 2. Thursday, 8:15 p. m., Commencement of the Academy.
June 3. Friday, 8:15 p. m., Student Recital, School of Music.
June 4. Saturday, 8:15 p. m., Senior Class Play.
June 5. Sunday, 10:30 a. m., Baccalaureate Sermon.
June 5. Sunday, 8:00 p. m., Alumni and Christian Associations Sermon.
June 6. Monday, 10 a. m., Class Day Exercises.
June 6. Monday, 8:15 p. m., Senior Class Play.
June 7. Tuesday, 10 a. m., Faculty Recital, School of Music.
June 7. Tuesday, 2:30 p. m., Base ball, Hamline vs. Macalester.
June 7. Tuesday, 6:30 p. m., Quarter Centennial Alumni Banquet.
June 8. Wednesday, 10:00 a. m., Twentieth Annual Commencement.
June 8. Wednesday, 3:00 p. m., Dedication Carnegie Science Hall.
June 8. Wednesday, 4:00 p. m., Class Reunions.
June 8. Wednesday, 8:00 p. m., President's Reception.
Sept. 12-14. Monday-Wednesday. Registration Days.
Sept. 14. Wednesday, 10:30 a. m., First semester begins.
Nov. 24, 25. Thursday, Friday, Thanksgiving Recess.
Dec. 16. Friday, 3:40 p. m., Christmas vacation begins.

1911.

Jan. 3. Tuesday, 8:20 a. m., Christmas vacation ends.
Feb. 3. Friday, First semester ends.
Feb. 6. Monday, Second semester begins.
Feb. 22. Wednesday, Washington's Birthday.
April 12. Wednesday, 3:40 p. m., Easter vacation begins.
April 19. Wednesday, 8:20 a. m., Easter vacation ends.
June 7. Wednesday, Second semester ends.

Board of Trustees.

Officers of the Board.

THOS. SHAW .....President
R. A. KIRK.....Vice-President
B. H. SCHRIBER.....Secretary
C. E. MACKEAN .....Treasurer

Trustees.

TERMS EXPIRE JUNE, 1910.

B. H. SCHRIBER.....St. Paul, Minn.
R. C. JEFFERSON.....St. Paul, Minn.
REV. A. E. DRISCOLL.....Ashland, Wis.
GEORGE W. WISHARD.....Minneapolis, Minn.
GEORGE D. DAYTON .....Minneapolis, Minn.

TERMS EXPIRE JUNE, 1911.

THOMAS SHAW.....St. Paul, Minn.
A. D. THOMSON.....Duluth, Minn.
A. R. CHACE.....Marshall, Minn.
THOMAS B. JANNEY.....Minneapolis, Minn.
O. A. ROBERTSON.....Minneapolis, Minn.

TERMS EXPIRE JUNE, 1912.

REV. H. C. SWEARINGEN, D. D.....St. Paul, Minn.
R. A. KIRK.....St. Paul, Minn.
REV. JOHN E. BUSHNELL, D. D.....Minneapolis, Minn.
REV. A. B. MARSHALL, D. D.....Minneapolis, Minn.

T. MOREY HODGMAN, Pres. ex-officio.....St. Paul, Minn.

Committees of the Board.

Executive Committee.

THOS. SHAW, Chairman.
B. H. SCHRIBER, Secretary.
A. B. MARSHALL.
R. A. KIRK.
R. C. JEFFERSON.
H. C. SWEARINGEN.
T. M. HODGMAN.

Committee on Endowment.

R. A. KIRK.
T. M. HODGMAN.
GEO. D. DAYTON.
H. C. SWEARINGEN.
THOS. SHAW.
G. W. WISHARD.
A. B. MARSHALL.

Committee on Instruction.

T. M. HODGMAN, ex-officio.
JOHN E. BUSHNELL.
A. B. MARSHALL.

Committee on Property.

R. C. JEFFERSON, T. M. HODGMAN, B. H. SCHRIBER.
R. A. KIRK.

Finance Committee.

R. C. JEFFERSON.
R. A. KIRK,
T. M. HODGMAN,
T. B. JANNEY,
B. H. SCHRIBER.

Auditing Committee.

B. H. SCHRIBER, G. W. WISHARD, A. B. MARSHALL.

College Faculty.

THOMAS MOREY HODGMAN, A. M., LL. D., President,
Mathematics.

A. B., 1884; A. M., 1890; LL. D., 1907, University of Rochester. Graduate student in mathematics in Chicago University and Cornell University. Associate Professor of Mathematics in University of Nebraska, 1884 to 1904. Professor of Inspection and Director of Summer Session, University of Nebraska, 1904-1907. Elected President Macalester College, February, 1907.
Residence, 456 Ashland Ave. N. W. Dale 2450.

JAMES WALLACE, Ph. D., LL. D.,
Professor of Bible. Head Professor of Bible Training Department.
Chair endowed by Mr. Frederick Weyerhaeuser.

A. B., 1874; A. M., 1877; Ph. D., 1887; LL. D., University of Wooster. Adjunct Professor of Greek and Principal of the Academy, University of Wooster, 1876 to 1886. Student in Greece, 1875-1876. Greek Language and Literature, Macalester College, 1887 to 1906. President, Macalester College, 1894 to 1906. Leave of absence, 1907-1909. Professor of Bible, 1909——.
Residence, 1628 Laurel Ave.

EDWARD COLLINS DOWNING, Ph. D.,
Professor of Latin Language and Literature.

A. B., University of Wooster 1885; A. M., 1888; Ph. D. 1903. Law Student 1885 to 1886. Principal of the Carthage (Mo.) Collegiate Institute, 1886 to 1888. Principal of the Toulon (Ill.) Classical Academy, 1888 to 1891. Latin Language and Literature, Macalester College, 1891——. Principal of the Macalester Classical Academy 1896-1903. Student at Rome, 1901.
Residence, 1713 Lincoln Ave. N. W. Midway 495 J.

ANDREW WORK ANDERSON, A. M., Dean,
Professor of Philosophy and Education.

A. B., University of Wooster 1889; A. M., 1892. Principal of Poland (O.) Academy, 1889 to 1891. Mental Science, Logic and Philosophy, Macalester College, 1891——.
Residence, Macalester College. N. W. Midway 486.

DAVID NEWTON KINGERY, A. M., Registrar,
Professor of Mathematics and Astronomy.

A. B., Wabash College, 1893; A. M., 1899. Teacher of Mathematics and Science, Bluffton (Ind.) High School. Mathematics and Astronomy, Macalester College, 1896——.
Residence, 135 Amherst Ave.

JULIA MacFARLANE JOHNSON, A. M.,

Dean of Women,

Professor of English Literature and Old English.

Graduate of Mt. Holyoke, 1885. Student, University of Pennsylvania, 1887 and 1888. Student, University of Cincinnati, 1889 and 1890. A. M., University of Minnesota, 1905. Professor of Latin Language and Literature in Coates College, 1890 to 1893. Graduate student, University of Minnesota, 1905——. English Literature and Old English, Macalester College, 1897——.

Residence, Wallace Hall. N. W. Midway 535 J.

REV. HENRY DANIEL FUNK, A. M.,

Professor of German Language and Literature. History.

Student Dubuque (Ia.) German Theological Seminary, 1891 to 1897. A. B., Macalester College, 1901. A. M., University of Minnesota, 1903. Harvard Summer School 1903. Graduate student, University of Minnesota 1904——. German Language and Literature, Macalester College, 1901——.

Residence, 29 Macalester Ave. N. W. Midway 483.

RICHARD URIAH JONES, A. B.,

Professor of Chemistry.

A. B., Macalester College, 1901. Graduate student, University of Minnesota, 1901 to 1902. Graduate student, University of Chicago, Summer Quarters, 1908 and 1909. Instructor in Mathematics and Physics, Macalester Classical Academy, 1901 to 1903. Chemistry and Physics, Macalester College, 1903 to 1906. Chemistry, Macalester College, 1906——.

Residence, 1257 Lincoln Ave.

HUGH STUART ALEXANDER, A. M.,

Professor of Physics and Geology.

A. B., Macalester College, 1899. A. M., University of Minnesota, 1905. Teacher of Physics and Chemistry, Cleveland High School, St. Paul, Minn., 1899 to 1906. Physics, Macalester College 1906——.

Residence, 1596 Summit Ave.

JOHN PORTER HALL, A. B.,

Professor of Greek and Principal of the Baldwin School.

A. B., Princeton University, 1897. Adj. Professor of Greek, Macalester College, 1897 to 1903. Instructor in Greek, Princeton University, 1903 to 1905. Greek, Macalester College, 1906——.

Residence, 1668 Princeton Ave.

GEORGE WILLIAM DAVIS, Ph. D., D. D.,

Professor of Hebrew Language and Literature. Social and Political Science. College Chaplain.

Graduate Victoria University, Manchester, England, 1882. Graduate Auburn Theological Seminary, N. Y., 1886. Graduate Student Yale University, Conn., 1888 to 1890. Ph. D., (Yale) 1891 Professor Macalester College, 1892 to 1899. D. D., Macalester College, 1901. Student College de France, Paris, 1899 to 1901. Pastor, 1901 to 1907. Professor Macalester College, 1907——.

Residence, 547 Ashland Ave. N. W. Dale 1046.

FREDERICK GIBBS AXTELL, A. M.,

Librarian. Associate Professor of Bibliography.

A. B., 1888, A. M., 1891, Wesleyan University, Conn. Graduate student in long semester, 1901-02, University of Berlin. Graduate student in Summer Quarter, 1905, University of Chicago. Librarian Macalester College, 1903——. Associate Professor of Bibliography, 1909——.

Residence, 68 So. Snelling Ave.

WILLIAM HENRY KLOSE, Ph. D.,

Associate Professor of Modern Languages.

A. B., Roanoke College, 1886. B. D., Yale University, 1889. M. L., University of Minnesota, 1899. Ph. D., State University of Iowa, 1906. Instructor, German, Washington University, 1907-1908. Professor of Modern Languages, William and Vashti College, 1908-1909. Associate Professor of Modern Languages, Macalester College, 1909——.

Residence, 1483 Grand Ave.

GRACE BEE WHITRIDGE,

Physical Director for Women. Instructor in Elocution and Dramatic Art. English.

Graduate of Boston School of Oratory, 1890. Post-Graduate Student of Boston School of Oratory, 1891. Student Harvard University, 1892. Graduate New York Academy of Dramatic Art, 1899. Student of Columbia University, 1901, 1902, 1904.

Residence, 654 Hague Ave. N. W. Dale 301.

REV. FARQUHAR DAVID McRAE, Ph. D.,

Instructor in Apologetics and History. Student Pastor.

A. B., Park College, 1887. A. M., New York University, 1893. Ph. D., New York University, 1896. Graduate of the Union Theological Seminary, New York, 1890. Apologetics, Macalester College, 1907——.

Residence, 41 Macalester Ave. N. W. Midway 537.

WILLIAM PAUL KIRKWOOD, A. B.,

Instructor in Journalism.

A. B., 1890, Macalester College. Mathematics and Astronomy, Macalester College, 1892-3. City Editor and literary editor, Minneapolis Journal, 1897——. Lecturer on Journalism 1907-1908, Macalester College. Instructor in Journalism, Macalester College, 1908——.

Residence, 1625 Wesley St. N. W. Midway 415 J.

FRANKLIN WATERS PLUMMER, A. B.,

Instructor in Biology. Physical Director for Men.

A. B., 1908, Wabash College. Graduate student in University of Minnesota, 1908-9. Instructor, Macalester College, 1908—.

Residence, Eutrophian Hall. N. W. Midway 171 J.

GERTRUDE CRIST,

Secretary to the Faculty, Secretary to the President.

Committees of the Faculty.

Rules and Discipline.

THE PRESIDENT
E. C. DOWNING
JULIA M. JOHNSON
A. W. ANDERSON
J. P. HALL

Curriculum.

R. U. JONES
H. D. FUNK
G. W. DAVIS
W. H. KLOSE
JAMES WALLACE

Library and Reading Room.

A. W. ANDERSON
G. W. DAVIS
JULIA M. JOHNSON
H. D. FUNK
F. G. AXTELL
MAY GIBSON

Gymnasium and Athletics.

J. P. HALL
R. U. JONES
F. W. PLUMMER
H. D. FUNK
GRACE B. WHITRIDGE

Public Exercises.

E. C. DOWNING
H. E. PHILLIPS
JULIA M. JOHNSON
GRACE B. WHITRIDGE

Publications.

E. C. DOWNING
J. P. HALL
D. N. KINGERY
THE PRESIDENT

Matriculation.

THE PRESIDENT
J. P. HALL
D. N. KINGERY
A. W. ANDERSON

Religious Work.

F. D. McRAE
G. W. DAVIS
JAMES WALLACE
W. H. KLOSE
ADVISORY MEMBERS:
DR. J. E. BUSHNELL AND DR. H. C. SWEARINGEN

Dormitory.

THE PRESIDENT
H. S. ALEXANDER
JULIA M. JOHNSON
F. W. PLUMMER

Supervision of Buildings.

R. U. JONES — H. S. ALEXANDER
THE PRESIDENT — SAMUEL M. COOKMAN

Teachers' Bureau.

D. N. KINGERY — R. U. JONES
JULIA M. JOHNSON — E. C. DOWNING
A. W. ANDERSON

College Council.

THE PRESIDENT — A. W. ANDERSON
J. P. HALL — GRACE B. WHITRIDGE
WILLIAM J. BELL ..... Senior Representative
LELAND W. PORTER ..... Junior Representative
O. R. TRIPP ..... Sophomore Representative
J. M. SNYDER ..... Freshman Representative
BLANCHE MOWAT ..... Academy Representative
EMILY PAYNE ..... Academy Representative

Other Officials.

Housekeeper of Wallace Hall ..... MISS ALICE M. CLOUGH
Steward of Edwards Hall ..... LLOYD GILMORE
Steward of Eutrophian Hall ..... E. W. JOHNSON
Steward of Uta Ota Club ..... W. A. HORNE
Head Engineer ..... SAMUEL M. COOKMAN
Assistant Engineer, Wallace Hall ..... G. O. CHASE
Assistant Engineers, Main Building ..... D. E. NORTHRUP
J. M. SNYDER
Head Janitor ..... H. G. BOSLEY

General Information.

Historical Sketch.

Macalester College is the outgrowth of the Baldwin School of St. Paul, projected by Rev. Edward D. Neill, D. D., as far back as 1853; and of a similar institution opened in 1873 by the same gentleman in Minneapolis. In 1874 Charles Macalester, of Philadelphia, donated to this school the valuable property known as the Winslow House, near the Falls of St. Anthony, with the understanding that as soon as possible it should be developed into a college. In his honor the institution was named Macalester College. Until 1880 it was an undenominational school. In October of that year it was adopted by the Synod of the Presbyterian Church of Minnesota. In 1883 a syndicate of the trustees bought the present site and gave it to the Board of Trustees. The first building thereon was erected in 1884 and the college was opened September 15, 1885.

Rev. Dr. Neill, the founder of the college, born in Philadelphia in 1823, graduated from Amherst in 1842. After completing his theological studies under Rev. Albert Barnes, he came west, and in 1849, commissioned by the presbytery of Galena, Ill., came to St. Paul as a missionary to the whites. Thereafter until his death (except during the civil war) he devoted his time about equally to the work of the Christian minister and to that of an educator. He was the first territorial superintendent of public instruction and the first chancellor of the state university. He is the author of Neill's History of Minnesota, and also of two volumes of valuable historical monographs. He died Sept. 26, 1893.

Next to Dr. Neill, in point of disinterested service for the college, stands Rev. Daniel Rice, D. D. Edu-

cated at Amherst College and at Andover Seminary, after long and useful service in Ohio and Indiana, he came to Minnesota in 1875. The late years of his life (1879-1889) he devoted wholly and gratuitously to the upbuilding of this institution of which he was an honored trustee and professor.

Others most actively interested in the establishment of Macalester College were William C. Baker, Richard Chute, W. W. McNair, John S. Pillsbury, Judge C. E. Vanderburgh, Rev. J. C. Whitney, Hon. Eugene M. Wilson, Rev. Robert F. Sample, Henry J. Horn, Henry M. Knox, H. L. Moss, ex-Governor Alexander Ramsey, Chas. T. Thompson, Robert P. Lewis, H. K. Taylor, Thomas Cochran, and Major B. F. Wright. Later, the college found warm friends and supporters in Rev. David James Burrell, D. D., and Rev. J. B. Donaldson, D. D., for several years president of the Board of Trustees. This list would not be complete without mention of the name of James Wallace, Ph. D., acting president 1894-1900 and president 1900-1906, whose faith and loyalty never faltered during the dark days following the panic of the early nineties. A number of the trustees were honored sons of Eastern colleges, such as Amherst, Hamilton, Williams, Lafayette, University of New York, Union and others. The purpose, therefore, in the minds of these men was to build up in the Northwest an institution after the noble character and aims of these institutions whence they came. This was their ideal.

From the beginning Macalester College was burdened with debt, and although, under the leadership of Dr. James Wallace and Rev. David C. Platter, financial secretary, this debt was considerably reduced, yet, on account of the hard times of the nineties, it had, by June 1898, risen to $180,000. Again, under Dr. Wallace's administration, with the energetic assistance of Robert A. Kirk, Thos. Shaw, and Rufus C. Jefferson,

the board was reorganized, the debt liquidated, and efforts for a permanent endowment begun. By February 1907, pledges had been made amounting to about $175,000. Then Mr. James J. Hill raised his pledge to $50,000. In May 1907, Mr. O. A. Robertson, a trustee, pledged $25,000. In April 1908, the General Education Board offered $75,000 provided a total of $450,000 were attained, of which $150,000 should be put into buildings and $300,000 into income producing endowment. In February 1909, Mr. Frederick Weyerhaeuser promised $50,000, and Mr. Andrew Carnegie raised his pledge from $30,000 to $50,000. Others rapidly followed, till in July 1909, announcement was made that the $450,000 fund was completed.

A list of all the donors will be placed in the records of the college so that future generations may know the devotion, self-sacrifice and generosity of those who have crowned Macalester's quarter centennial with splendid success. The debt of gratitude which church and college owe those who clung to the institution and who came to its help in the dark days—many of whom are still members of the Board of Trustees—is not yet fully appreciated and can never be repaid. Their patience, devoted loyalty and heroic sacrifices wrested a great victory out of apparent defeat.

Location.

Macalester College is located in Macalester Park, a beautiful suburb in the so-called Midway district, between the Twin Cities of Minneapolis and Saint Paul. Although this district is now experiencing a rapid growth and is destined to be the choice residential section of these cities, the College is still away from the distractions and temptations of city life. There are no saloons or other places of temptation in the vicinity. The location is favorable for study, for the development of a pure and wholesome college life, and for careful su-

pervision of the conduct of students. Easy access to these cities, however, is afforded by the Grand Avenue and Snelling Avenue electric lines—the latter of which connects with all four interurban electric lines. This combination of college and city life is a unique advantage to Macalester students. The cultural opportunities which the public libraries, churches, lecture courses and musical entertainments of these cities offer, are important and react most beneficially upon both faculty and students.

Campus.

The campus contains forty acres with a frontage of six hundred and sixty feet on Summit Avenue—a fine boulevard two hundred feet in width, which connects the Twin Cities. The College buildings, seven in number, are situated on the north half of the campus, while the ample athletic field, grove of oaks and ice skating rink occupy the southern half.

Buildings and Equipment.

The Main Building is of brick, one hundred feet long and fifty feet wide, three stories high with basement, containing class rooms, society halls, men's gymnasium, library, reading room, auditorium and executive office. The building is heated by steam and provided with its own electric light plant.

The Gymnasium is in the basement of this building, a hundred feet long and fifty feet wide, with ceiling seventeen feet high. It contains four hand-ball courts, ladders, a lavatory supplied with hot and cold water and shower baths. It is large enough to admit of basket ball practice and affords ample facilities for healthful athletic exercise.

The Library contains about eleven thousand four hundred volumes, not counting duplicates, most of it classified on the Dewey system. The department of

bound periodicals at present contains more than eleven hundred volumes. The Neill collection includes rare works in Puritan and Colonial history and theology, and in early American travels, together with examples of fifteenth and sixteenth century printing and valuable autograph letters.

A large room on the third floor affords excellent accommodations for both Library and Reading Room. It is open every school day during the college year from quarter after eight until five o'clock, and on Saturdays and holidays from two to five o'clock.

Sixty-five current periodicals are on file in the Reading Room.

There is set apart each semester, for maintenance of the Library and Reading Room, one dollar of every incidental fee.

Mr. J. E. Diamond, of Minneapolis, has presented two hundred and fifty dollars for immediate use in the department of English Literature; this alcove has been named the J. E. Diamond Family Alcove of English Literature.

The Alumni Association has presented seventy-five dollars; also Mr. R. S. Nutt, '07 a set of Rhodes' History of the United States. Friends of the Bible Training department have contributed more than three hundred dollars. One hundred and seventy-five volumes have been purchased, including the Schaff-Herzog Encyclopedia so far as published, commentaries, dictionaries and works on the social teachings of the Bible.

Twenty-five dollars has been received for the alcove of economics, in memory of Mary Hurlbut Hodgman. This is to be an annual gift.

The firm of Reed & Stem, St. Paul, contributes one hundred dollars annually for an alcove of art and architecture.

It is desired that the number of annual gifts to the library be increased and that interest-bearing foundations be established.

The Library is conducted on approved modern lines of helpfulness by a trained librarian, who gives his entire time to this work. As associate professor of bibliography, the librarian gives systematic instruction to the incoming classes on the care and use of books. It is planned to enlarge this instruction in the near future. It is believed that in efficiency this library ranks high among college libraries.

The Carnegie Science Hall is a three story building with a full height basement. It is essentially fire proof, being constructed of reinforced concrete and brick. The exterior is of colonial brick with trimmings of Bedford limestone. The floors are of maple over reinforced concrete except those of the halls which are of cement with terrazzo borders. There is a lift from the basement to the attic. The interior finish and furniture are of birch. The basement contains a wood shop and a metal shop for manual training. The first floor is devoted to physics and mineralogy; the second to biology, mathematics and astronomy; and the third to chemistry. The entire building is electrically lighted and steam heated. Ventilation is of the most approved type. Pure air passes into the basement over steam coils and is driven through the building by electric fans. In the attic another fan draws out the foul air. Connections are provided in all of the lecture rooms for both direct and alternating currents for projection as well as for general demonstration and lectures. Light is abundant and well directed. For its size and purpose this building has no superior. Its equipment is described under the various science departments.

The Men's Dormitory is a three-story brick building, ninety feet long by thirty-eight feet wide. The second and third floors contain twenty double rooms designed to accommodate two students each. The rooms are furnished with plain, substantial furniture, are well lighted

and thoroughly comfortable. This hall is for men exclusively.

The building is heated with steam, and lighted with gas. Students must care for their own rooms or arrange with some one to do so.

Wallace Hall is a new building for women, situated at the corner of Summit and Macalester avenues, 60 by 127 feet, and so arranged that sunlight falls into every room. In addition to the students' rooms there are elegant parlors, a dining room that seats one hundred, and a large gymnasium in the basement. The classes for the physical training of women are held here. It is heated by steam, lighted by electricity, has hot and cold water in every room, shower and tub bath facilities. It accommodates ninety women. The whole building has every modern appointment and is absolutely fireproof. It is believed that no building of its kind west of Chicago can approach it or be compared with it in plan and equipment. Choice of rooms will be given in order of application.

Edwards Hall is a substantial three-story dormitory for men, on Macalester Avenue, one block south of the college. It is named after W. C. Edwards, Esq., of St. Paul, through whose liberality it was erected. It furnishes accommodations for twenty-two men, and sets tables for forty. The plain, but excellent accommodations provided in this building and offered at very moderate rates have proved a great boon to students who find it difficult to meet the expenses of a college education. The students in this building form a club and manage the boarding department under a matron and other officers of their own choice, subject to the general supervision of the faculty.

Eutrophian Hall is a frame dormitory at the corner of Summit and Snelling avenues. It is heated by a furnace, lighted by gas, and accommodates twenty-five

EXTERIOR AND INTERIOR VIEWS OF WALLACE HALL.

men. It has bath room, lavatory and toilet facilities. The kitchen and dining room are managed on the co-operative plan by the Eutrophian Hall Club. The rooms are furnished similarly to those in the men's Brick Dormitory.

Shaw Field.—Provision for the encouragement and development of outdoor athletics has been made by the construction of the Thomas Shaw Athletic Field. This contains four acres of the campus lying directly south of the main building and is inclosed by an iron fence. A quarter mile track twelve feet wide with turns on a hundred foot radius is one of the important features of the field. This track is on a dead level and has a foundation of coarse cinders five inches deep on top of which is a layer of fine surfacing cinders two inches deep. The part of the field inclosed by the track is laid out as a football and baseball field and also provides room for an outdoor basketball field. The whole area within the track is perfectly level and with the exception of the diamond is seeded down with a special mixture of lawn grass seed which will stand the rough usage athletic fields naturally receive.

On the east side of the field between the fence and the track lies an elevated strip about thirty feet wide along which a series of bleachers is being constructed. These are to be in units having a seating capacity of about five hundred each. The first of these which is already built is completely inclosed underneath, providing room for the storing of the field equipment and for ticket offices.

The track in front of the bleachers has straight extensions at the corners which provide a straightaway track for all the short races, while just inside the curb the proper settings are provided for the pole vault, the running and broad jump and the discus throw.

Shaw Field which was dedicated at the opening of

the school year in 1909 was named in honor of Prof. Thomas Shaw, President of the Board of Trustees, on account of his interest and assistance in the athletics of the institution.

The college buildings with their furnishings, laboratory equipment, library, together with the campus, are conservatively estimated at $345,000.

Administration.

In the administration of the college, appeal is made to the self-respect and honor of the students. They are constantly encouraged to guard well their honor and that of the institution, and to maintain a wholesome esprit de corps.

Some regulations, however, are necessary, and when students matriculate it is understood that they thereby submit themselves to the government of the college and pledge themselves to support the same while they are members of the institution. They are expected, and, by virtue of their matriculation as students of the institution, are understood to obligate themselves to act as ladies and gentlemen, to be faithful in attendance upon recitations, examinations, daily morning prayers, and Sunday morning service, and to be diligent in preparation of all tasks assigned.

Students whose influence is found to be hurtful, even though guilty of no serious breaches of order, will not be retained in the institution.

The dormitories are organized on the self-government plan under adequate faculty co-operation. A College Council, composed of student and faculty representatives, voices student opinion and cultivates student self-control. No finer tribute can be paid Macalester's students than this—that after two years of experiment both faculty and students regard student self-government as an unqualified success.

Religious Activities.

Devotional exercises are held in the college chapel daily at 10 A. M., at which all students are required to be present. These exercises are under the direction of a regularly appointed college chaplain. All students are expected to attend public worship each Sabbath morning. Those living in the dormitories are expected to attend the Macalester Park Presbyterian Church unless excused, for good reason, to worship elsewhere. The pastor of this church is an instructor in the college and, by appointment of the board, also Student Pastor. Each fall, under his direction, a series of special evangelistic meetings are held under joint arrangement between the church and the college. In this church special classes are organized for the students in the Sunday school, and the Christian Endeavor Society is largely composed of students. The Christian Associations of the college are large and active. The Y. M. C. A. has a membership of about forty students. It holds its regular meeting every Tuesday evening with missionary and Bible study classes at regular intervals. A committee of the association is present at the college two or three days before the opening to assist the new students. The President of this Association is F. F. Carson.

The Y. W. C. A. is also large and aggressive, with similar Bible study and missionary classes. The President is Miss Effie Ellison. The Y. W. C. A. and the Hyperion Literary Society occupy a commodious and handsomely furnished room in the Main Building. In this building also a similarly furnished room is under the joint control of the Athenaean Society and the Y. M. C. A.

The Student Volunteer Band completes the religious organizations of the college.

Literary Societies.

Three literary societies and one debating club are in operation under the general oversight of the faculty. In the collegiate department there are the Hyperion Society, admitting to membership both young men and young women; the Athenaean Debating Club, for young men; the Clionian Society, for young women; and in the Academy, the Parthenon, open to all students of the Academy.

No literary society or other organization may be established without the consent of the faculty.

Oratorical Association.—This association seeks to promote an interest in Oratory. The interests of the college in the state association are under the control of this association. By means of a preliminary contest it selects one member to represent the college at the State oratorical contest. R. W. Baskerville took first place in the last local contest.

Prizes and Scholarships.

Through the kindness of some of its friends the college is able to announce a number of prizes as follows:

Noyes Prizes.—Mrs. D. R. Noyes of St. Paul offers one hundred dollars annually to be given in prizes as the Faculty may direct. The Faculty has apportioned the prizes as follows: To that member of the sophomore class having the highest standing in the first two years of the college course, twenty-five dollars; to that member of the junior class having the highest standing for that year, twenty-five dollars; to that member of the graduating class taking the first honors, fifty dollars. Students competing for these prizes must be without conditions.

Last year the senior prize was awarded to Emma Bertelle Barker, the junior to Ruth von Dorn, and the sophomore to Stanley H. Hodgman.

Stringer Prize.—Through Mr. E. C. Stringer of St. Paul, the College is able to offer an annual prize of twenty-five dollars, to be given to that student of the College who, having not less than fourteen recitations a week, takes the first place in the preliminary oratorical contest mentioned above, and represents the college in the state contest.

Shaw Scholarship.—Given by Prof. Thomas Shaw of St. Paul, to the nominee of the Central Presbyterian Church of St. Paul, yielding $50.00 per annum. Awarded this year to A. W. Larsen.

Ministerial Scholarships.—Given by Board of Education of the Presbyterian Church to candidates for its ministry.

Silliman Scholarship.—Offered by H. B. Silliman, of Cohoes, N. Y., and yielding $50.00 per annum. Awarded this year to E. W. Johnson.

Mr. James Suydam, of St. Paul, offers a prize of Ten Dollars to be given to that student who does the best work in any Bible class conducted by Dr. Wallace.

Physical Training and Athletics.

Athletics and careful physical training are encouraged, and three dollars of the incidental fee for each semester are set apart for the support of athletics. Students are thereby entitled to admittance to all athletic contests and to the use of the gymnasium and skating rink. The athletic field is enclosed, and contains about five acres. There are a number of lawn tennis courts. A large skating rink has been provided in the midst of the oak grove at the south of the campus, and has been very popular. Classes in physical training are conducted for young women in the gymnasium of Wallace Hall. A trained coach for gymnasium and field sports for men is provided. The physical director is a regular member of the faculty.

Registration.

Students are required to register by the beginning of each semester. A fine of twenty-five cents a day will be levied in case of tardy registration, unless remitted by the matriculation committee for satisfactory reasons.

A student who has failed in more than half the work of the first semester, counted by hours, may not register for the second semester.

The prospective student will facilitate registration by procuring from the College an application blank on which his principal or superintendent should fill in the student's credits. This blank should be mailed by the proper school authority to the Registrar by the first of September.

Examinations and Reports.

Examinations are held at the close of each semester. A record is kept of each student's grades, a copy of which is sent to the parent or guardian at the close of each semester. Quarterly reports are made of academic students. If these are not received the fact should be reported to the registrar.

Students who fail in term grade or in both the regular and delinquent examinations, must take the subject again in class.

For private and delinquent examinations a fee of fifty cents shall be paid for each examination to the Secretary of the Faculty, who shall thereupon issue a permit. Private examinations will be authorized by the Faculty only and for the most urgent reasons stated in writing.

Examinations for delinquents will be held on the second Monday of each semester at 2 p. m. Attendance upon these examinations is obligatory.

Degrees.

Graduates from the Classical courses receive the degree of B. A.; those from the Scientific courses the degree of B. S.

No student shall be entitled to graduate who shall not have been attending the College at least one year.

Teachers' Bureau.

The college maintains a reliable teachers' bureau as a means of communication between graduates and superintendents and school boards desiring competent teachers. Graduates will not be recommended to positions for which they do not give good evidence of fitness. This service is given without charge. Those desiring to make inquiry in regard to teachers should address The Teachers' Bureau, Macalester College, St. Paul, Minn.

Publications.

The following publications are issued from the college:

The College Catalogue, which is one number of **The Macalester College Bulletin,** an eight page monthly paper devoted to the advertisement and advancement of the institution.

The Y. M. and Y. W. C. A. Handbook, a booklet full of information for new students, and a veritable vade mecum for all.

Books and Stationery.

A book and stationery store is conducted at the College. When obtainable, second-hand books are kept in stock, and old books are taken in exchange or purchased on as liberal terms as the business will permit. Students are thereby enabled to effect a considerable saving on their book expense.

Self-Support.

Students desiring to do something towards defraying their own expenses can usually find some way of doing so. Many find work on Saturdays, in stores and other places of business, and have thus paid a large part of the expense of their board. Others have earned their board by working mornings and evenings. It is seldom that any worthy, capable student with energy and tact fails to find some means by which he may work his way through college, provided the long summer vacation is improved to increase his income.

The Y. M. C. A. employment bureau has been organized to assist students in finding work. There are opportunities in stores and offices, care of furnaces, as waiters in clubs and carriers of newspapers, and in many other ways dependent upon the student's fitness. Valuable suggestions as to employment and the financial side of college life are gladly furnished to prospective students on application, and every effort to assist the new-comer is cheerfully made. Address all communications to Chairman Employment Committee, Macalester College, St. Paul.

Telephone.

The college may be reached by the Northwestern Telephone, Midway 486. The President's residence, Dale 2450, Wallace Hall, Midway, 535-J, Eutrophian Hall, Midway 171-J, and Men's dormitory, Midway 320-J.

Edwards Hall has the Tri-State Telephone, 6128.

Expenses.

Students' fees are paid at the beginning of each semester, as follows:

College	Tuition,	$16.00
	Registration fee,	7.50
Academy	Tuition,	13.00
	Registration fee,	6.00

Edwards Hall (for young men)—Board, per week, average ..... $2.35 to 2.50
Room rent, per week ..... .35
Light and heat, per week, estimated..... .25

Eutrophian Hall (for young men)—Board, per week ..... $2.35 to 2.50
Room rent, per week 1.00

A monthly rental is charged the clubs for the use of dining room and kitchen.

Wallace Hall—Board, per week 3.50
Room rent, per week, including light and heat, two in a room, each ..... $1.00 to 1.50

Men's Dormitory—Room rent, with light and steam heat (inner rooms), two in a room, each ..... .75
Corner rooms, two in a room, each 1.00

Students rooming in the Men's Dormitory board at Edwards Hall, Eutrophian, Uta Ota, or in private families.

Private Families.—Board, per week..... $3.50 to $4.00
Room rent, per week..... .75 to 1.00

Extra Charges—

Laboratory.
Physics, Academy, per semester..... $1.00
Physics, College, per semester..... 2.50
Chemistry, per semester 5.00
Biology, per semester 3.00

Geology, per semester	1.00
Breakage of apparatus	Actual cost
Shop work, per semester	3.00
Manual Training, per semester	2.00
College Diploma	5.00
Academy Diploma	2.50

Right to revise rates on Brick Dormitory is reserved.

Each student in the College dormitories is required to deposit $2.50 (including deposit for key) as a guarantee against damage to college property, and to make it up to that amount at the opening of each semester thereafter. From this fund will be deducted (1) charges for damage for which he is personally responsible; (2) charges (pro rata) for damage done in dormitories by unknown hands. The surplus, if any, is refunded to the students at the end of the year, or when they leave the institution.

Payment of Fees.—Tuition and registration fee must be paid in advance.

No deductions are made except for sickness lasting a month or more.

Refunding Tuition.—If a student leaves the institution at any time after entrance without the approval of the faculty or because he has been suspended or dismissed no money will be refunded. Those withdrawing for other reasons, on or before the middle of a semester, will receive an equitable rebate on tuition paid. The registration fee, however, will not be returned.

Half Rates.—Sons and daughters of ministers are charged half the usual rates of tuition. This concession is not limited to Presbyterian ministers.

All candidates for the ministry, of whatever church or denomination, receive tuition at half rates, upon the following conditions:

(1) Candidates for the Presbyterian ministry shall be under the care of Presbyteries, and shall present to the treasurer certifications to this fact from the clerks of the Presbyteries.

Candidates for the ministry of other denominations shall have their purpose to enter the ministry properly certified to by the proper ecclesiastical authorities.

(2) All such students will be held in honor bound to refund to the college treasury the amount of tuition received in the event of their abandoning their purpose to enter the ministry.

N. B.—The above concession, though made at a great sacrifice to the college, is offered cheerfully and with the purpose of enhancing, as far as possible, the usefulness of the college.

It is, however, justly expected of those who are thus helped that they will be faithful in promoting, as far as in their power, the welfare of the institution; and that they will complete their course of study at this institution.

Students taking nine hours or less per week are charged half tuition and full registration fee.

Special Discount.—When more than one person from the same family attend college at the same time, a discount of twenty-five per cent. will be allowed on the tuition of each person after the first. This rule does not apply to those receiving half tuition.

High School Scholarships.—To the person graduating with first honor in any accredited high school, the Board of Trustees will give a scholarship which entitles the holder thereof to free tuition for the ensuing year. To the one graduating with second honor, a half scholarship will be given, which entitles the holder to half tuition for the same time. The

same scholarships are offered those who are graduated from the Academy with first and second honors. No student shall be entitled to two concessions of any kind.

Rooms.

(1) Furniture.—All rooms in men's dormitories are furnished with bedsteads (two-thirds size), mattresses, dresser, stand, bowl and pitcher, study-table, book-shelves and three chairs. Students in the dormitories must provide their own bed clothing, towels, napkins, and carpets or rugs. In Wallace Hall there are single iron beds, mattresses, pillows, dresser, study-table, two rockers, two study chairs, a lavatory with hot and cold water, steam heat and electricity. Floors are of hard wood.

(2) Application.—Application for room in the dormitories should be made as early as convenient to the President, enclosing $1.00, which will be applied on room rent. Applicants should state in which hall they desire a room. Rooms will not be held later than the opening of the term unless the room rent is advanced for the period of delay. In case applicants fail to come, the money advanced will not be returned. Rooms will be assigned in the order of application.

(3) Payment of Room Rent.—Room rent in the dormitories is payable monthly in advance.

No deduction is made for vacations during school year. Students are charged for their rooms till they are formally vacated—whether continuously occupied or not—and keys surrendered.

COLLEGE OF LIBERAL ARTS.

Courses of Study.

The College of Liberal Arts embraces the following general courses:

I. The Classical Course, leading to the degree of B. A. In this course Latin is required for five years, four of which may be done in high school or academy; another language must be taken for four years, two of which may be done in high school or academy.

II. The Scientific Course, leading to the degree of B. S. In this course, one year of mathematics is required (in addition to a year and a half each of algebra and geometry, usually done in the preparatory school). In addition, five years of science are required, chosen from among the following: astronomy, biology, chemistry, geology, laboratory shop work, mathematics, and physics. A year each in three of the above is required, and a two years' course in a fourth.

A total of 140 semester hours is required for graduation in each course.

On entrance, the student makes choice of one of the above courses. Thereafter deviation from the course chosen must be with the approval of the faculty upon written application, stating reasons.

Preparation for the Study of Medicine.—The work in Biology and in Chemistry (three and seven and a half years in the laboratory respectively) furnishes rare preparation for those who intend to study medicine.

Preparation for the Study of Law.—The required and elective studies in Political Economy and Social Science and the electives in Forensic Oratory and Constitutional History offer an admirable course to those who are preparing for law. Students, who, while pursuing certain studies in college, wish also to take up the study of law, find excellent opportunty of doing so in connection with the St. Paul Law School, which

gives all its lectures in the evening in the City Hall, but twenty-five minutes' ride from the college.

Preparation for Teaching.—Attention is called to the courses in Education open to students who intend to teach. The College seeks especially to meet the needs of such. The courses in Psychology and Philosophy are thorough and extensive and relate themselves closely to Education. It is expected to supplement the class-room work with lectures by teachers of large experience. A course is now offered in laboratory shop work. This course affords those who are intending to teach science an excellent opportunity for practical experience and preparation.

Preparation for the Christian Ministry.—The Bible training department and the electives in Greek Testament, Ethics and History offer a course unusually well adapted to those who have the gospel ministry in view. Those, too, who are preparing to be missionary teachers will find in the wide range of Bible study pursued in the college an indispensable and very attractive adjunct to their course.

Senior Electives for Medical Students.—Students intending to study medicine, who are obliged to shorten their course in preparation, may in the following manner save one year while still obtaining their degrees. After completing three years of the college course and being enrolled for the fourth year, they may take the first year of the medical course in any medical school approved by the faculty, in place of the work of the senior year. This will be permitted subject to the following conditions: first, the required studies of the college must be completed in every case; secondly, a certificate must be presented from the medical school, showing the successful completion of the work of the first year in that school.

Partial Courses.—Students who are not looking forward to a degree may be admitted to select courses for which they have sufficient preparation.

Admission from the Academy.—Graduates from the Academy are admitted, without examination, to the college course for which they are prepared.

Admission from High Schools and Academies.—Students from accredited four-year high schools and academies are admitted to the freshman class without condition, provided that credits to the amount of fifteen units are presented. By a unit is understood four or five recitation hours of not less than forty minutes each, carried for a year of thirty-six weeks. Students from unaccredited high schools and academies will have their credits evaluated by the Dean and the heads of departments. Students coming with excess units, for which they desire credit on their college work will be referred to the heads of departments for the evaluation of the excess work. In no case will more than half time be allowed for such courses.

Applicants for admission to the freshman class should apply to the Registrar for the Applicant's Admission Blank, which should be taken to the principal of the high school or academy in which their courses were taken, and by him officially filled out and mailed to the Registrar. Students should not bring this blank with them, but have it filled out and sent on at any time in the summer. Compliance with this rule will prevent delays and greatly facilitate registration.

Students submitting fewer than 15 units may make up their deficiencies in the Academy. Unconditioned freshmen, who may lack certain preparatory studies necessary for the courses they wish to pursue may take these studies in the Academy without extra charge for tuition. A five hour course so taken counts for four hours on the college course. Students intending to take the B. A. degree are advised to present not fewer than 10 units in following subjects:

English 3.	Algebra 1½.
Latin 4.	Geometry 1½.

CARNEGIE SCIENCE HALL.

Also of the following enough to aggregate 5 units:

History 1 or 2.
German 1 or 2.
Greek 1 or 2.
French 1 or 2.
Chemistry 1.
Botany ½ or 1.
Physics 1.
Civics ½.
Physiology ½ or 1.
Zoology ½ or 1.
Physical Geography ½ or 1.
Manual Training ½ or 1.

Those wishing to take the B. S. degree are advised to present not fewer than 9 units in the following subjects:

Mathematics 3.
English 4.
German 2.
Physics or Chemistry 1.

Also of the following enough to aggregate 6 units:

Botany ½ or 1.
History ½, 1 or 1½.
Zoology ½.
French 1 or 2.
Manual Training ½.
Physiology ½.
Greek 1 or 2.
Physical Geography ½ or 1.
German 1 or 2.
Civics ½.

Students who are preparing to enter Macalester College and wish more definite suggestion respecting the course of preparatory study they should follow, will find a course similar to the following well suited to their needs:

For the B. A. degree.

Composition and Rhetoric 2 units.
Literature 2 units.
Algebra 1 or 1½ units.
Geometry 1 or 1½ units.
Latin 4 units.
Greek or German 2 units.
History and Civics 2 units.
Natural Science 2 units.

For the B. S. degree.

Composition and Rhetoric 2 units.
Literature 2 units.
Algebra 1½ units.
Geometry 1½ units.
Latin 2 units.
German 2 units.
History and Civics 2 units.
Natural Science 2 or 3 units.

Candidates for Advanced Standing.—Students coming from reputable institutions of collegiate grade will be expected to present letters of dismissal and will be given standing in Macalester College allowing a fair equivalent on the course here for work done elsewhere.

Synopsis of Courses of Study.

Freshman Year.

First Semester.		Second Semester.	
REQUIRED:		REQUIRED:	
Bible, 1.*	(1)	Bible, 1.	(1)
English, 1.	(3)	English, 1.	(3)
Expression, 1.	(3)	Expression, 1.	(3)
ELECTIVE:		ELECTIVE:	
GROUP I.		GROUP I.	
Mathematics, 1.	(4)	Mathematics, 2.	(4)
Biology, 1, 2.	(4)	Biology, 1, 2.	(4)
Chemistry , 1, 2, 4, 5.	(4)	Chemistry, 1, 2, 4, 5.	(4)
Shop-work, 1.	(4)	Shop-work, 1.	(4)
Latin, 1.	(4)	Latin, 1.	(4)
History, 1.	(4)	History, 1.	(4)
GROUP II.		GROUP II.	
Latin, 1.	(4)	Latin, 1.	(4)
Greek, 1, 1a.	(4)	Greek, 2, 2a.	(4)
French, 1.	(4)	French, 1.	(4)
German, 1, 3.	(4)	German, 1, 4.	(4)

Nineteen hours per week are required.

A classical course must include Latin, one other subject from Group I, and the second language from Group II, which was offered for entrance.

A scientific course must include mathematics and one subject in addition from each group.

The College does not hold itself bound for instruction in any elective study for which fewer than five students make request to the registrar.

Sixteen semester credits in Bible are required for graduation. These may include any subject listed in the Bible Training Department, Greek, 9, and Philosophy, 3.

*Plain figures refer to the courses as numbered in the description of the courses following; figures in parentheses, to the number of hours a week; and so throughout this synopsis.

Sophomore Year.

First Semester.		Second Semester.	
REQUIRED:		REQUIRED:	
Bible, 2.	(1)	Bible, 2.	(1)
Social Science, 1.	(4)	Political Science, 3.	(4)
ELECTIVE:		ELECTIVE:	
English, 2.	(4)	English, 3.	(4)
Latin, 2.	(4)	Latin, 2.	(4)
French, 1, 2.	(4)	French, 1, 2.	(4)
German, 2, 5.	(4)	German, 2, 6.	(4)
Greek, 3.	(4)	Greek, 4.	(4)
Mathematics, 3, 6.	(4)	Mathematics, 4, 6.	(4)
Biology, 1, 2, 3.	(4)	Biology, 1, 2, 3.	(4)
Chemistry, 1, 2, 3, 4, 5, 6.	(4)	Chemistry, 1, 2, 3, 4, 5, 6.	(4)
Physics, 1, 2.	(4)	Physics, 1, 2.	(4)
Shop-work, 1, 2, 3.	(4)	Shop-work, 1, 2, 3.	(4)
Education, 1.	(4)	Education, 2.	(4)
History, 1, 2, 5.	(4)	History, 1, 3, 6.	(4)
Expression, 2.	(3)	Expression, 2.	(3)

Seventeen hours per week are required.

Language of Group II of Freshman year must be continued.

Chemistry must be chosen unless student already has credit for one year's work, in which case some other science must be chosen.

Junior Year.

First Semester.		Second Semester.	
REQUIRED:		REQUIRED:	
Bible, 3.	(2)	Bible, 3.	(2)
Philosophy 1.	(4)	Philosophy, 2.	(4)
ELECTIVE:		ELECTIVE:	
Bible, 4, 5, 6, 8.	(2)	Bible, 4, 5, 7.	(2)
Bible, 11.	(4)	Bible, 12.	(4)
English, 4, 5, 7, 8.	(4)	English, 4, 6, 7, 8.	(4)
French, 1, 2, 3, 4.	(4)	French, 1, 2, 3, 4.	(4)
German, 7-15.	(4)	German, 7-15.	(4)
Greek, 5, 6.	(4)	Greek, 7, 8.	(4)
Greek, 9.	(2)	Greek, 9.	(2)
Hebrew, (Bible, 9).	(4)	Hebrew, (Bible 9).	(4)
Latin, 3, 4, 5, 6, 7.	(4)	Latin, 3, 4, 5, 6, 7.	(4)
Mathematics, 3, 5, 6, 7.	(4)	Mathematics, 4, 5, 6, 7.	(4)
Astronomy, 1, 2.	(4)	Astronomy, 1, 2.	(4)
Biology, 2, 3.	(4)	Biology, 2, 3.	(4)
Chemistry, 2, 3, 4, 5, 6, 7, 8.	(4)	Chemistry, 2, 3, 4, 5, 6, 8.	(4)
Geology.	(4)	Geology.	(4)
Physics, 1, 2, 3.	(4)	Physics, 1, 2, 3.	(4)
Shop-work, 1, 2, 3.	(4)	Shop-work, 1, 2, 3.	(4)
Education, 1, 3.	(4)	Education, 2, 3.	(4)
Education, 4.	(2)	Education, 4.	(2)
History, 1, 2, 5.	(4)	History, 1, 3, 6.	(4)
Music.	(2)	Music.	(2)
Philosophy, 4.	(4)	Philosophy, 5.	(4)
Social Science, 2.	(4)	Political Science, 4, 7.	(4)
Expression, 2, 3.	(3)	Expression, 2, 3.	(3)

Seventeen hours per week are required.

Senior Year.

First Semester.		Second Semester.	
REQUIRED:		REQUIRED:	
Bible, 1, 2.	(1)	Bible, 1, 2.	(1)
Philosophy, 3.	(2)	Philosophy, 3.	(2)
ELECTIVE:		ELECTIVE:	
Bible, 4, 5, 6, 8.	(2)	Bible, 4, 5, 7.	(2)
Bible, 11.	(4)	Bible, 12.	(4)
English, 4, 5, 7, 8.	(4)	English, 4, 6, 7, 8.	(4)
French, 1, 2, 3, 4.	(4)	French, 1, 2, 3, 4.	(4)
German, 7-15.	(4)	German, 7-15.	(4)
Greek, 5, 6.	(4)	Greek, 7, 8.	(4)
Greek, 9.	(2)	Greek, 9.	(2)
Hebrew, (Bible, 9, 10)	(4)	Hebrew, (Bible, 9, 10)	(4)
Latin, 3, 4, 5, 6, 7.	(4)	Latin, 3, 4, 5, 6, 7.	(4)
Mathematics, 3, 5, 6, 7.	(4)	Mathematics, 4, 5, 6.	(4)
Astronomy, 1, 2.	(4)	Astronomy, 1, 2.	(4)
Biology, 1, 2, 3.	(4)	Biology, 1, 2, 3.	(4)
Chemistry, 2, 3, 4, 5, 6, 7, 8.	(4)	Chemistry, 2, 3, 4, 5, 6, 8.	(4)
Geology.	(4)	Geology.	(4)
Physics, 1, 3.	(4)	Physics, 1, 3.	(4)
Shop-work, 1, 2, 3.	(4)	Shop-work, 1, 2, 3.	(4)
Education, 1, 3.	(4)	Education, 2, 3.	(4)
Education, 4.	(2)	Education, 4.	(2)
History, 1, 2, 5.	(4)	History, 1, 3, 6.	(4)
Music.	(2)	Music.	(2)
Philosophy, 4, 6.	(4)	Philosophy, 5, 6.	(4)
Political Science, 2, 5.	(4)	Political Science, 4, 6, 7.	(4)
Expression, 2, 3.	(3)	Expression, 2, 3.	(3)

Seventeen hours per week are required.

Particular Description.

ENGLISH.

1. Rhetoric.—The course in rhetoric is intended to cultivate the taste and to develop the critical power of the student; to train him in accurate observation and thinking and to the use of clear, forcible and elegant English. It includes the following: Theory and practice in the making of abstracts and plans, especially in exposition and argumentation; constructive studies in characterization, the short story, the essay, the ballad and the sonnet. Throughout the course emphasis is laid on practice rather than theory with a view to prepare the student for practical journalistic work. Freshman year, three hours a week; required.

2. Anglo-Saxon and Middle English.—Study of grammatical forms; reading of Sweet's Anglo-Saxon Primer and other selections; Sweet's First Middle English Primer; complete text of Chaucer. Open to sophomores. First semester, four hours a week.

3. American Literature.—Readings, studies and themes, under the direction of the professor, in the lives and masterpieces of our great writers. Open to sophomores, second semester, four hours a week.

4. English Literature.—The aim of the course is to emphasize the main facts in the development of the literature. Spenser, Shakespeare and Milton are extensively read and discussed. Open to juniors, four hours a week throughout the year.

5. Criticism.—A study of the principles governing literary composition. Open to seniors, first semester, four hours a week.

6. Modern English Poets.

(1) From Milton to Tennyson.—A critical study of short selections. Each representative poet is studied in relation to his personal environment and the intellectual condition of his age. Open to seniors; first half of second semester, four hours a week.

(2) A Study of Browning.—Open to seniors; second half of second semester, four hours a week.

7. Journalism.—William P. Kirkwood, of Macalester College, class of '90, for twelve years associated with the editorial department of The Minneapolis Journal, will continue his elective in Journalism as a part of the college work in English for the coming year. This course is open to juniors and seniors, and calls for three hours a week, or their equivalent, through both semesters.

It opens with a study of the history and of the principles of Journalism. This is followed by actual practice in the work of writing for the press. Thorough drill is given in the various branches of reporting, of editing news material, of headline writing, and of editorial expression. In all such practice the student is called upon to make use of the instruction he receives in such collateral studies as the political sciences, history and literature.

EXPRESSION.

1. Elocution and Voice Training.—(1) Theory. The principles underlying the art of expression and literary interpretation.

(2) Practice. Deep breathing—correction of voice faults and mannerisms—factors of expression—analysis and interpretation of the classics—reading and speaking. Required of freshmen three hours a week throughout the year.

2. Action.—Sir Chas. Bell's "Anatomy and Philosophy of Emotions." Physical presentations of emo-

tions including facial expression, gestures and attitudes. Platform work and original presentations. Three hours a week throughout the year. Open to students who have completed Course 1.

3. **Shakespeare and Modern Drama.**—Dramatic Interpretation. Not offered in 1910-1911.

LATIN.

1. **Freshman Year.**—Cicero's De Senectute and De Amicitia, Pliny's or Cicero's Letters and Livy's story of the Hannibalic war. Along with the study of these texts there is collateral work upon the life, style, and works of the authors, as well as the social and political customs and problems of their times. There is also pursued a careful study of etymology and phonology, while the principles of syntax receive constant attention and elucidation. Required of freshmen in the classical course; elective in the scientific. Four hours a week throughout the year.

2. **Sophomore Year.**—During the first semester the Odes, Satires and Epistles of Horace are read, not so much, however, as a study of language as of literature. The subject of prosody, as suggested by his various metres, is given due consideration. The second semester is spent upon the Germania and Agricola of Tacitus, and on selections from Quintilian. These works are alike valuable for their contents and literary style, and furnish conspicuous examples of later Latin. They are studied both from a literary and a linguistic point of view. Open to sophomores, four hours a week throughout the year.

To juniors and seniors the following courses are open four hours a week throughout the year:

3. **Oratory.**—(a) Cicero: De Oratore, (b) Cicero: Brutus or Oratio pro Milone, (c) Tacitus: Dialogus de Oratoribus.

4. Drama.—(a) Plautus: Aulularia, Rudens, (b) Plautus: Captivi, Trinummus, (c) Terence: Andria, Adelphoe.

5. Ethics.—(a) Cicero: De Finibus, (b) Cicero: De Officiis, (c) Seneca: Essays.

6. Lyric Poetry.—(a) Catullus, (b) Tibullus, (c) Propertius, (d) Latin Christian Hymns.

7. Teachers' Course.—This course includes a very thorough study of Latin grammar, especially syntax, with a review of Caesar, Cicero, and Virgil from a teacher's point of view. Students in this course are given practical work in being allowed to teach classes in these subjects occasionally under the eye of the professor. They are also asked to do some original work and to formulate the results. Special effort is made to secure necessary confidence and ability for the immediate work of teaching.

Each elective will receive the textual and collateral study appropriate.

Throughout the whole college course, students are encouraged and expected to make original investigation, to express their own conclusions, and to cultivate the art of literary criticism. As much time as possible is devoted to such collateral subjects as add both interest and information. The stereoptican is used to make the study of topography and archaeology more graphic and interesting.

GREEK.

The general aim in this department is to learn to read Greek readily; to become acquainted with the Greek people as revealed in their great creations in history, oratory, philosophy, poetry and art; to arrive at a just estimate of the contribution of the Hellenic race to human progress.

1. Lucian.—The Charon or Timon and selected short dialogues. Literary and social conditions of the age. First semester freshman year, four hours a week.

1a. Xenophon.—Hellenica, Books I and II, with discussion of the earlier stages of the Peloponnesian war. A substitute for course 1, at the option of the professor. First semester freshman year, four hours a week.

2. Herodotus.—Stories and selections from Book VII. Careful consideration of accidence and syntax of the Ionic dialect. Second semester freshman year, four hours a week.

2a. The Iliad. Book I-III. Literary and grammatical study. The Trojan legends. Introduction to the Homeric question. A substitute for Course 2, at the option of the professor. Second semester freshman year, four hours a week.

3. Athenian Orators.—Selected orations of Lysias and Demosthenes. Theme work on Isaeus, Isocrates and others. Athenian legal procedure. First semester sophomore year, four hours a week.

4. Plato.—The Apology and Crito. Socrates and his teachings with readings from Xenophon's Memorabilia. Survey of Greek philosophy. Second semester sophomore year, four hours a week.

5. The Drama.—Selected plays of Aeschylus or Euripides and Aristophanes. Rise and development of tragedy and comedy. The Greek theatre and production of plays. First semester, four hours a week. Open to juniors and seniors.

6. English Course in Greek Literature.—Studies in the elegiac, lyric and dramatic poets of Greece, for students having no knowledge of Greek. First semester, four hours a week. Open to juniors and seniors.

7. The Odyssey.—Selections from Books I-XII. Sight reading. Literary study of the whole poem from the English translations of Palmer and of Butcher and Lang. Second semester, four hours a week. Open to juniors and seniors.

8. Lyric Poetry.—Selections from the elegiac and lyric poets. Second semester, four hours a week. Open to juniors and seniors.

9. The Greek Testament. This course is intended not only for candidates for the ministry but for any who have studied classical Greek and who wish to acquire a reading knowledge of the New Testament in the original Greek. The aim is to master a good working vocabulary, the main characteristics of New Testament Greek and to get some practice in Greek exegesis. The work is based mainly on the Acts of the Apostles and some of Paul's letters. Open to juniors and seniors, two hours a week, two semesters.

Students who have pursued the study of German or French to the end of the sophomore year may take as an elective the Greek of the Academy (Lessons and Anabasis).

GERMAN.

German is a feature of the modern classical courses and runs parallel with the Greek in ancient classical. The aim is to master the language both as spoken and written. The works of some of the best classical and living authors are read and the materials in the different books furnish the subject for easy conversation in German.

Composition and rapid reading of living authors is a feature of the advanced work.

1. Elementary German.—Grammar, easy readings, with practice in speaking and writing German. Open to freshmen who enter College without German, and to juniors and seniors who have had the required Greek

or French of their courses. Year course, four hours a week.

2. **Second Year German.**—Easy German prose and dramas, and composition continued. Memorizing of short poems. Year course, four hours a week.

3. **Advanced German.**—Representative modern authors, selected dramas and composition. Year course, four hours a week.

4. **The Classic Drama.**—Lessing, Goethe and Schiller's dramas; their lives and works and times are carefully studied. Year course, four hours a week.

5. **Goethe's Faust.**—A study of the development of the Faust legend and parallel readings of the most important Faust literature. One semester, four hours a week.

6. **Classic Prose.**—Schiller's Dreiszigjaehriger Krieg (Palmer Edition). Conversation and composition. One semester, four hours a week.

7. **Classic Prose.**—Goethe's Wilhelm Meister, or Ithalienische Reise. Composition and conversation. One semester, four hours a week.

8. **Luther to Lessing.**—German literature during the Reformation. One semester, four hours a week.

9. **Modern Dramas.**—Freytag, Wildenbruch, Hauptmann, Sudermann and others. One semester, four hours a week.

10. **A Brief History of German Literature.**—Collateral reading in German authors and conversation. One semester, four hours a week.

11. **The Modern Novel.**—One semester, four hours a week.

12. **The Romantic School.**—Select authors; lectures and conversation. One semester, four hours a week.

13. **Heine.**—His prose and poetry. One semester, four hours a week.

14. Teachers' Course.—Grammar, prose, conversation and composition. One semester, four hours a week.

15. Middle High German.—Grammar and selections from Middle High German literature. One semester, four hours a week.

FRENCH.

After a careful study of grammar there will be ample exercises in composition. One object of the course is to perfect conversation. Conversation, however, is not the chief purpose. The French language is rich in a varied literature and should invite to thought and culture. There are readings in prose and poetry and selections from fiction and the drama.

1. Elementary French.—The aim of this course is to enable the student to grasp the fundamental principles of grammar and to translate easy French into English and English into French and to converse in French. The books used are: Grammar, L'Abbé Constantin, La Mare au Diable, etc. One year, four hours.

2. Prose Readings.—This course is devoted largely to the reading of French prose works. The texts vary from year to year. Attention is paid to grammar, prose and conversation. One year, four hours.

3. French Classics.—During the third year the readings are largely from the works of Corneille, Racine and Moliere. Considerable stress is laid on French syntax and composition. One year, four hours.

4. History of French Literature.—The fourth year is given to the history of the French literature with abundant readings from many authors and conversation and composition. One year, four hours.

BIBLE TRAINING DEPARTMENT.

On the John C. Martin Foundation.

Professors Wallace, Davis, McRae and Anderson.

This department has two objects: First, to provide a well graded course of instruction in the Bible for all

the students of the various classes. This emphasis on the study of the Bible is justified on the ground that it contains the message of Him who spoke the words of eternal life, who was himself the way the truth and the life, because of its pure and lofty ethics, its social teachings, its unequaled literature, its influence on our own literature and law, and the value of its history.

Second, to offer a substantial course of religious instruction for young men and women who wish to prepare themselves for some form of christian activity as lay-workers. The church is entering on the era of the laity. Christianity is girding itself for the conquest of the world. Her call for workers is louder and more engaging than ever before. Her field is ripe for lay-workers of every kind, for missionaries and missionary teachers, for mission helpers, charity workers, pastors' assistants, secretaries in the Young Men's and Young Women's Associations, Bible readers, colporteurs and the like. To these classes of lay-workers the theological seminaries are not open. Besides, a training in the knowledge and use of the Bible is best secured in connection with the regular courses of study offered by the college, since to special students of this department is available instruction in other necessary branches such as general literature, elocution, music, etc.

Several substantial christian laymen have already interested themselves in this department, and it is hoped to make it helpful in the training of workers for the ever widening activities of the church.

1. **The Life of Christ.**—This is studied by means of a harmony of the gospels. By way of introduction, attention is directed to the political and religious condition of the time and to the characteristics and view point of the gospel writers. By discriminating discussion of the teachings of Christ and a realistic presentation of the facts and incidents of his life an effort is

made to deepen personal faith in Christ as the Savior of men and to bring the student into appreciation of Jesus as the master teacher of all time. Required of freshmen, one hour a week, two semesters.

2. The Missionary Labors of the Apostles.—These studies are based on the Acts of the Apostles and in part on the New Testament Epistles. The external and internal growth of the early church is carefully traced and the whole movement is viewed as a continuance of the work of Christ through the agency of the Holy Spirit and of His inspired apostles. Required of sophomores, one hour a week, two semesters.

3. Prophets of Israel.—This course consists of a thorough study of the prophets; their place in the community, their functions and their messages. It is pursued inductively from the Bible text with the object of acquainting the student as fully as possible with the foreshadowings of the Christ. All the Messianic passages are carefully analyzed with reference to their historical background and in the order of their development. Two semesters, two hours a week. Required of juniors who do not take one of the Bible electives.

4. The Literary Study of the Bible.—This course is a study of the different literary forms found in the Bible. It includes a special study of the Book of Job. Two semesters, two hours a week. Open to juniors and seniors.

5. The Social Teachings of the Bible.—This course includes a study of the social teachings of the prophets and of Christ and the apostles, also a brief survey of the social features of Hebrew legislation. The object is to form a just estimate of the social message of the Bible and to apply, as far as may be, its social principles to the solution of current social problems. Open to juniors and seniors, two hours a week, two semesters.

6. Inter-Testament History.—This course is in-

tended (1) to trace the history of the Jews from Malachi to John the Baptist under the Persians, Greeks, Maccabees and Romans; (2) to trace the rise of the various Jewish sects. A knowledge of the outward political fortunes of the Jews, as well as the movement of Jewish thought in this period is of great importance for an intelligent understanding of the ministry of Christ and his Apostles. First semester, two hours a week, on alternate years. Open to juniors, seniors and other qualified students.

7. **Oriental History contemporary with the Old Testament.**—This course includes (1) A study of the history and religion of Babylonia, Assyria and Egypt; (2) the relation of this material to the explication of Old Testament history. The course is based on the histories of Winckler, Rogers, McCurdy, and others. Second semester, two hours a week on alternate years. Open to juniors, seniors and other qualified students.

8. I. **Methods of Bible Teachings.**—This course includes (1) a careful study of Christ as a teacher (2) the influence of christianity upon education (3) methods of Bible study and teaching. It is based mainly on The Master and His Method, Principles of Religious Education, The Making of a Teacher and similar works. Two hours a week, one semester.

II. **Review of Old Testament History.**—This is offered to college students who may desire to make a more thorough study of this subject than they had opportunity to do upon entering college. Two hours a week, one semester. These courses are offered on alternate years.

9. **Hebrew.**—The object of this course is to prepare students for advanced work in this subject as soon as they enter the seminary. The work embraces a thorough study of Genesis 1-8, including the grammatical principles of the language, acquisition of a good vocabulary, translation of English into Hebrew. Open to

SHAW ATHLETIC FIELD.

juniors and seniors, four hours a week, two semesters.

10. Advanced Hebrew.—In the second year a critical study is made of one or more minor prophets including text, grammar, exegesis and history. Open to juniors and seniors, four hours a week, two semesters.

11. Apologetics.—This course aims chiefly at three things:

First, a brief exposition of Christian theism and an exhibition of its superiority in philosophy and in practice to the various opposing theories; deism, pantheism, materialism and agnosticism.

Second, a summary of the argument for historical Christianity and an examination of criticisms and objections especially those of our own day.

Third, a rapid survey of the field of comparative religions with special reference to Hinduism, Buddhism, Zoroastrianism, and Confucianism. First semester, four hours a week. Open to juniors and seniors.

12. The Philosophy of Religion.—This course is supplementary to the course in apologetics. It aims to exhibit and defend a philosophic conception in harmony with the Christian religion. Open to seniors, and to others by special permission, four hours a week, second semester.

For other studies embraced in the Bible Training Department see: **Ethics,** under The Mental Sciences. **Greek Testament,** under Greek, **The Reformation Period,** under History, Old and New Testament Biography and History in the Academy.

HISTORY.

1. European History. From 31 B. C., to the close of the fifteenth century. Text-books: Emerton's Introduction to the Middle Ages, Emerton's Mediaeval Europe, Henderson's, Ogg's and Robinson's Mediaeval Documents. Lectures, collateral reading and quizzes. One year course, four hours a week.

2. English History. An outline course of the political and constitutional history of England. Text-books: White's The Making of the English Constitution, Ransome's History of England, Adams' and Stephens' select documents. Lectures, collateral reading and quizzes. One semester, four hours a week.

3. The Reformation Period. The protestant revolt and Europe to the Peace of Westphalia. Text-book: Haeuser's Reformation Period. Collateral reading, select documents, lectures and quizzes. Second semester, four hours a week.

4. Modern Europe. The development of Europe from 1648 to the present time. Special attention is devoted to the revolutionary and Napoleonic period. Text-book: Robinson & Beard's Development of Modern Europe, Anderson's Documents and Constitutions of France. Lectures, collateral reading and quizzes. A year course, four hours a week.

5. United States History. From the American Revolution to 1829. Textbook, collateral reading, MacDonald's Documents, lectures, topical work, and quizzes. First semester, four hours a week.

6. United States History. From 1829 to the present time. Conducted the same as Course 5.

EDUCATION.

1. The History of Education.—A view of the history of education by means of lectures, readings, class discussions and papers. It is intended that the course should have a high cultural value through the survey which it furnishes of a most important aspect of human thought and progress. The course includes the following: education among the ancient oriental nations, among the Greeks, the Romans, early Christians, schools in the Middle Ages, and finally the various movements of modern times. The theories of philos-

ophers and reformers, as well as the actual practice of the peoples, are studied. Monroe's History of Education will be the basis for the work. Open to sophomores, juniors and seniors. Four hours a week, first semester.

2. Education in the United States.—This course consists of three parts: (1) a history of educational development in this country, elementary and higher, public and private; (2) a study of our educational systems and institutions as seen at the present time; and (3), as throwing light on the significance of the preceding, a survey of the foreign systems of our own time, especially those of Germany, France and Great Britain. Open to all who have completed course 1. Four hours a week, second semester.

3. The Theory of Education.—This course consists of three parts, as follows:

(a) The Principles of Education. A study of the nature of education, its objects and purposes, its means and methods. Horne's Philosophy of Education is the basis of work.

(b) School Organization and Management. This is an important course to any who are looking forward to the profession of teaching. Chancellor's Our Schools: Their Administration and Supervision, and Brown's The American High School are read. Lectures and papers supplement the above, especially in dealing with the problems of school management.

(c) The Growing Child: a brief study, including both the body and the mind. Tyler's Growth and Education will be used as a guide. Supplementary lectures will deal with the facts of educational psychology more fully.

(d) The Art of Teaching. A study of the immediate aims of the teacher; of the devices and methods made use of by teachers in the work of teaching, with a

critical estimate of their value. De Garmo's Principles of Secondary Education will be read critically, with McMurry's Method of the Recitation and other works for constant reference. Members of the class will be expected to visit schools and make written reports on their observations. Opportunities for practice work will be offered in the academy to members of the class, under the supervision of the regular instructor and of the teacher in Education.

(e) In addition to the above, there will be given in the course of the year a series of lectures on the Sunday-school: its history, function, organization and the methods of work. While this part of the course will be brief, probably not more than six lectures, it is believed that it will give a valuable insight into an important branch of the educational and the Christian work of our day. Open to juniors and seniors, four hours a week throughout the year.

4. A Critical Reading Course.—This course proposes a reading and discussion in some of the more important educational writers of ancient and modern times. The authors suggested for reading next year are Aristotle, Quintilian, Rousseau and Herbart. Open to juniors and seniors, also to others on approval of the faculty, two hours a week, throughout the year.

For additional courses see Mental Sciences and Philosophy courses, 1, 2, 3 and 4; Latin, 7; German, 14; Shop Work, 2.

THE MENTAL SCIENCES AND PHILOSOPHY.

1. Logic and Scientific Method.—This course comprises a study of logic, deductive and inductive, of fallacies, logical theories and of scientific method. Abundant exercise is given in order to fix facts and principles and to cultivate keenness in analysis and discrimination. Required, four hours a week, first fourteen weeks of the junior year.

2. Psychology.—This course aims at a comprehensive view of the most important divisions of the science. Because of the value of psychology as a factor both in science and culture and because of its fundamental importance with reference to the other studies included in this department and to education, the course is made as strong as possible. It opens with a brief course in experimental psychology to awaken interest and cultivate observation. This is followed by a general course, with James's Briefer Course as basis. Instruction is by means of recitation, experiment, lectures and class discussions. Required four hours a week through last twenty-two weeks of the junior year.

3. Ethics.—Ethics is placed near the end of the course in order that the philosophic aspects of the subject may be the better appreciated. The ethical facts are studied as they appear in life; then the theories of ethics are taken up for the purpose of obtaining a philosophical basis; and finally practical questions are handled by means of lectures and discussions. Required of seniors, entire year, two hours a week.

4. The History of Philosophy, Ancient, Medieval and Modern.—This course reviews the course of thought in philosophy from the time of the early Greek philosophers down. It aims to trace the development of philosophic conceptions and systems and their connection, and to point out their connection with the life of the times in which they arose. Special attention is given in Greek philosophy to Plato and Aristotle, and in modern philosophy to Kant. The course requires readings by the students in a number of the more important thinkers. Open to seniors and juniors, the first twenty-four weeks of the year, four hours a week.

5. Introduction to Philosophy.—Following the course in the history of philosophy, the course in introduction to philosophy places before the student a sys-

tematic view of the divisions of philosophy and of its problems, including that of method. It aims not only to clarify the views of the student, but also to develop some defensible convictions. Open to all who have completed Course 4; the last twelve weeks of the year, four hours a week.

6. **A Course of Readings in Philosophy.**—This course aims to introduce the student at first hand to the complete text of some of the more important works, by a critical reading. For this course the following are open to choice: (1) Greek philosophy, Plato and Aristotle; (2) Kant, chiefly devoted to the Critique of Pure Reason; (3) English philosophy, Locke and Hume; (4) American philosophers, James's Pragmatism and The Pluralistic Universe and Ormond's Concepts of Philosophy, with other works so far as time permits. Open to students who have completed course 5, and others, on approval of the teacher; four hours a week, the entire year.

SOCIAL AND POLITICAL SCIENCE.

1. **Sociology.**—Under this head are included the history, various theories and principles of sociology. Important aims are, to show the extent of the field, to arouse an interest in the study, and to help to correct methods of sociological investigation. A standard text-book is used, but the systems of sociology as presented in Spencer, Ward and others are presented and discussed. Required of sophomores, four hours a week, first semester.

2. **Sociology.**—The time will be devoted to a more detailed study of the history of Sociology, the theories of Giddings and to original inductive studies. Open to juniors and seniors, first semester, four hours a week.

3. **Political Economy.**—A general survey is taken of the history, theories and generally accepted principles of Political Economy. A standard text-book such

as Gide is used, supplemented by collateral studies in Adam Smith, Mill, Ricardo, Walker, articles in cyclopedias, etc. Required of sophomores four hours a week, second semester.

4. Political Economy.—In the elective course substantially the same ground is covered, but more attention is given to the historical development of the science, and to the application of sound principles to current economic questions. Open to juniors and seniors, second semester, four hours a week.

5. History of Civil Government.—The State, by Professor Wilson, is used as a text-book, with collateral study of constitutions. The aim is to trace clearly the great and distinctive features in the government of the leading European nations. Senior year, four hours a week, first semester.

6. International Law.—A brief course in the outlines of this important subject offered to meet the interest arising from our wider international relations. Open to seniors, second semester, four hours a week.

7. Roman Law.—Morey's "Outlines of Roman Law" is used. The object is to make the student acquainted with (1) the origin and development of Roman Law; (2) its relation to modern systems of jurisprudence. Open to juniors and seniors, four hours a week, second semester.

MATHEMATICS.

1. Higher Algebra.—Graphic representation of a function, ratio and proportion, variation, theory of quadratics, progressions, series, etc. Open to all and required of freshmen in Scientific course. Four hours a week, first semester.

2. Trigonometry and Analytic Geometry.—An attempt is made to give the student a clear understanding of trigonometric functions, development of formulae and their application to the solution of problems.

This is followed by a brief course in analytic geometry, sufficient for elementary courses in physics and astronomy. Open to all students, and required of freshmen in Scientific course; four hours a week, second semester.

3. Analytic Geometry.—This is a continuation of course 2. Equations of straight lines, and the principal curves and their tangents are discussed by both rectilinear and polar co-ordinates. Open to those who have completed course 2. Four hours a week, first semester.

4. Differential and Integral Calculus.—A brief study of the principles of differential calculus based on theory of limits followed by a short course in integral calculus. Open to those who have completed course 3. Four hours a week, second semester.

5. Advanced Differential and Integral Calculus.—Open to those who have completed course 4. Four hours per week, one year.

6. Surveying.—Open to those who have completed course 2. Four hours a week, first semester.

7. Advanced Algebra for those intending to teach. One year, four hours a week.

ASTRONOMY.

The department is furnished with a small equatorial, sextant, transit and siderial clock.

1. Descriptive.—Text-book and lectures. Use of instruments for determining time, latitude, etc. Open to all who have completed courses 1 and 2 in Mathematics. One year, four hours a week.

2. Popular.—For those who wish some knowledge of the subject but have not had required mathematics. Text-book, lectures, collateral reading. Open to juniors and seniors. One year, four hours a week. Not offered 1910-1911.

PHYSICS.

The Physical Laboratories occupy practically the entire first floor of the Carnegie Science Hall. There are two large laboratories, one for general physics and the other for electricity. Each of these has a smaller laboratory adjoining for special research work. In connection with this department there is in the basement a shop equipped with special tools for the production of apparatus for research work. The laboratories and equipment are completely modern and contain a number of special features facilitating and strengthening the work in these courses.

A lecture room, a recitation room, an office, a dark room and general storage rooms, together with a photometry room and a battery room which are located in the basement, complete the provision made for physics and afford a splendid opportunity for those students who desire to specialize along these lines.

The following courses are offered:

1. **Short Course.**—This is a short course which covers the entire subject in one year. Demonstrations in connection with the lectures are substituted for a considerable amount of the individual laboratory work that is done by the student in the long course, and some of the more technical features of the subject that are not of general importance are omitted. The aim is to offer a thorough year's work in the general principles of physics to those who are taking courses which will not permit them to take the regular long course in the subject. It is recommended only to those who are taking classical or literary courses, or a two year course in preparation for some school of medicine. Open to all who have completed plain trigonometry. Four hours a week, two of which are double hours for laboratory work. One year.

2. **Mechanics, Sound, Heat.**—This course includes a thorough study of mechanics, sound and heat. A

large part of the time is spent in laboratory work and the student's conceptions of physical laws are developed as largely as possible from observation and experiment. About forty quantitative experiments are performed by each student in the laboratory, the aim being to afford a working knowledge of modern measuring instruments of precision, and to develop quantitative methods, as well as to discover and verify the laws of nature. Careful attention is given to the problem of the errors in measurement, the student being required in each case to consider the origin of the errors and methods for their elimination, and to compute the probable errors of observations and results. Open to all who have completed courses (1) and (2) in mathematics. Four hours a week, two of which are double hours for laboratory work. One year.

3. Electricity and Light.—This course includes a thorough study of electricity and light. Forty experiments are performed, thirty-five of which are in electricity, giving the student an opportunity to familiarize himself with electrical measuring instruments. The work in light includes measurements with the photometer, spectrometer, and interferometer. Open to all who have completed course (2). Four hours a week, two of which are double hours for laboratory work. One year.

Courses (2) and (3) together constitute what is termed the long course in Physics, and are designed especially to meet the needs of students taking a scientific course.

SHOP WORK.

The basement of Carnegie Science Hall is devoted to shops. These shops are well lighted and ventilated, having full length windows and a high ceiling. The woodshop occupies the large room in the north wing and has adjoining it a finishing room for staining,

filling and varnishing. The south wing contains a laboratory shop connected with the physics department and a metal shop which has adjoining it a forge and grinding room which is also equipped with a crucible furnace and moulding sand for making small castings. Believing that a modern education should lead to some appreciation of the world of mechanics as well as the world of literature, art and science, the following courses are offered to all college students:

1. **General Shop Course.**—Work in wood and the use, care and adjustment of the common wood working tools; a study of the common stains and varnishes and various methods of finishing wood surfaces; glue and methods of glueing; glasscutting, boring, grinding and cementing; solders and methods for soldering and brazing; use of the hammer—bending, drawing and peening; the files—flatfiling, round filing and draw filing; cold chisels—cutting and chipping; scrapers; hand and press drill work; the lathe and lathe work; visits to the large shops of the Twin Cities. The object is to lead the student to an appreciation of the modern mechanical processes and at the same time develop his ability to perform them. Open to all college students. One year, four hours a week, three of which are double hours for shopwork.

2. **Laboratory Shop Course.**—This course is specially designed for students who are preparing to teach science. It includes a study of the design and construction of various forms of apparatus adapted to demonstrations and laboratory work in high schools and academies; the construction of a number of pieces of apparatus and the determination of their errors; demonstration with the above pieces before the science classes in the academy; visits to high school and college laboratories of the Twin Cities. Open to all who have completed course (1) or its equivalent. One year, four hours a week, three of which are double hours for shop work.

3. **Manual Training Teachers' Course.**—This course is designed for students who are preparing to teach manual training. It includes a short study of the history and development of the manual training idea in education; the development of a progressive set of exercises each one of which must be executed and submitted for criticism accompanied by a paper explaining the object of the exercise, the connection with preceding exercises and the points that will appeal to the pupil's interest and stimulate creative thought; the conducting of a number of exercises in the manual training department of the academy; visits to manual training and other shops of the Twin Cities. Open to all who have completed course (1) or its equivalent. One year, four hours a week, three of which are double hours for shopwork.

CHEMISTRY.

1. **General Inorganic Chemistry.**—The course includes a thorough study of the principal elements and their compounds, their occurrence in nature, preparation in the laboratory, etc.; also an introduction to the study of qualitative analysis. One year, four hours a week, two hours being double for laboratory work. Required of sophomores, except where students have already had one year in chemistry. Students entering college with one year of high school chemistry will be excused from this course, but will not receive a credit for the same.

2. **Advanced Inorganic Chemistry.**—This is a continuation of course 1, with an introduction to physical chemistry. Open to those who have completed course 1. One year, four hours a week, two hours being double for laboratory work. Not offered in 1910-1911.

3. **Qualitative Analysis.**—Lecture and laboratory work, including the detection and separation of the metals, and the identification of the acids. The last

few weeks of the year are spent in the analysis of specimens of rock and earth. Instead of this, the student may make a study of materials used as paint pigments, and the methods used in paint analysis. Open to those who have completed course 1. One year, four hours a week, three hours being double for laboratory work.

4. **Quantitative Analysis.**—Lecture and laboratory work. This includes an introduction to the gravimetric and volumetric analysis, and a study of the methods of determination of atomic weights. Open to those who have completed courses 1 and 3. One year, four hours a week, three hours being double for laboratory work.

5. **Organic Chemistry.**—Lecture and laboratory work. This course includes a study of the aliphatic and aromatic series, with a preparation of the more important compounds. Open to those who have completed course 1. One year, four hours a week, two hours being double for laboratory work.

6. **Advanced Organic Chemistry and Qualitative Organic Analysis.**—The detection of common food adulterants will receive attention in this course. Open to those who have completed courses 1, 3 and 5. One year, four hours a week, two hours being double for laboratory work.

7. **Water Analysis.**—Open to those who have completed courses 1, 3 and 4. One semester, four hours a week, three hours being double for laboratory work.

8. **Food Analysis.**—Milk and Butter analysis receive especial attention in this course. Open to those who have completed courses 1, 3 and 4. One year, four hours a week, three being double for laboratory work.

Other courses, as assaying, gas analysis, iron ore, etc., will be offered in the near future.

The department of Chemistry occupies the third floor of Carnegie Science Hall. A room 27x57 is used for general chemistry and quantitative analysis. In the north end are two rooms each 27x28. One is for advanced students. The other is a lecture room. There are rooms also for scales, research, combustion, stock, preparation room, office, and chemical library. The apparatus necessary for thorough work in the courses offered is furnished. Especial attention is given to a scientific method of observation and interpretation of results. Each student is required to make a complete and systematic record of all his investigations.

BIOLOGY.

The new quarters of the biological department on the second floor of the Carnegie Science Hall afford ample room for lectures, laboratory and research work after the most approved modern methods. Microscopes, necessary apparatus, and suitable material will be provided, supplemented by such textbook work as will enable the student to get a firm grasp on the fundamental principles of biology. For the courses offered the equipment cannot be excelled.

1. **Botany.**—A course in comparative botany, beginning with the lowest forms and finishing with a brief study of the flowering plants, together with a short course in practical field work. Open to all students; four hours a week throughout the year. Not offered in 1910-1911.

2. **Zoology.**—A study of comparative zoology, from the Protozoa through the Vertebrata. Laboratory work includes a study of typical forms of each class. Open to all students; four hours a week throughout the year. (A laboratory fee of three dollars per semester is charged).

3. **Physiology.**—General physiology, including a brief study of anatomy, physiology, and hygiene.

Lectures and laboratory work. Open to those students who have completed course 2 satisfactorily. One year, four hours per week. Not offered in 1910-1911.

GEOLOGY.

A general course in structural, dynamic and historical geology, also a brief course in mineralogy and crystalography. Lectures, laboratory and field work.

The library contains valuable reference works, including the state geological reports of Minnesota. There is a good collection of specimens, to which additions are made each year. Open to juniors and seniors, four hours a week throughout the year.

PHYSICAL TRAINING FOR WOMEN.

Theory—Personal Hygiene.—The means of preserving and improving the health and efficiency of the human mechanism and the conditions necessary to the perfect state of the body and the activity of the various functions.

Practice.—Gymnastics:

I. Corrective exercises—walking, standing and sitting. Elementary work in stall bars, Indian clubs, bar bells, and bounding balls.

II. Parallel bars, ladder, incline rope and rings.

III. Folk dancing.

A credit of one hour will be given for two hours of physical training upon the completion of Biology 3.

DOMESTIC SCIENCE.

The St. Paul Y. W. C. A. offers a course of thirty-three lessons on dietetics and practical cooking, to be distributed weekly throughout the college year, at a cost of twenty dollars. The registration of ten students is necessary to insure a class. Any student who elects this course is allowed two credits in college work.

IN MEMORIAM.

MATHILDE PEDERSON-ROMUNSTAAD, 1900.

Mathilde's life was a search for truth, and in passing from our sight we are comforted to know that she has come into the immediate presence of Him who said, I am the Truth.

JACOB ELMER SMITS, 1899.

Death claimed thee early in life's day;
But his triumphant shout is vain.
Let him rejoice; he has thy clay.
Thou art with God, and that is gain.

BALDWIN SCHOOL.

MACALESTER CLASSICAL ACADEMY

Accredited to the North Central Association of Colleges and Secondary Schools.

Baldwin School

Faculty.

JOHN PORTER HALL, A. B., Principal.
Greek and History.

JAMES WALLACE, LL. D.
Bible and English.

EDWARD C. DOWNING, PH. D.,
Latin.

DAVID NEWTON KINGERY, A. M.
Mathematics.

JULIA M. JOHNSON, A. M.
English.

RICHARD U. JONES, A. B.
Mathematics and Chemistry.

HUGH STUART ALEXANDER, A. M.
Physics and Manual Training.

GRACE B. WHITRIDGE.
English.

F. D. McRAE, PH. D.
History.

GERTRUDE CRIST.
Commercial Studies.

*Graduate, 1903, Central High School in the Scientific Course. Graduate, 1904, Lancaster Business College. Instructor in Lancaster Business College, 1904-1905. Instructor in Commercial Branches, Baldwin School, 1905——.

FRANKLIN W. PLUMMER, A. B.
Biology and Physical Geography.

MAY GIBSON, A. B.
Latin and English.

University of Minnesota, A. B., 1905. Instructor in Latin and German, Alexandria, (Minn.) High School, 1906-1908. Instructor in Latin and English, Baldwin School, 1908——.

WILLIAM H. KLOSE, Ph. D.
German.

*For biographical notes of others see page 6.

BALDWIN SCHOOL

Macalester Classical Academy

Historical Sketch

The Baldwin School was founded in 1853. In 1864 Baldwin University was chartered and in connection with this university it was provided to establish an academic department to be known as the Baldwin Grammar School. When Macalester College was incorporated in 1874 the amended charter provided "that the preparatory department of said Macalester College shall be known as the Baldwin School." The prospectus of Macalester College published in 1885 merely mentions a preparatory course. In the catalogue for 1885-6 reference is made to a preparatory course but none to Baldwin School as such. In the catalogue of 1890 the preparatory school is referred to as the Baldwin School and reference is made to the provision of the charter. In the minutes of the Board of Trustees in 1890 it is ordered that hereafter the academy shall be designated as the Baldwin School. The catalogue for 1891-2 says Preparatory Department and under it the Baldwin School. This holds true for the next three years. The catalogue for 1894-5 for the first time speaks of the preparatory department as Macalester Classical Academy, but in a footnote gives the legal name, Baldwin School. Beginning with 1895 the catalogues uniformly describe the academy as Macalester Classical Academy. Such being the facts in the case, historical accuracy and charter provisions require a return to the name Baldwin School.

Admission and Courses.

The Academy is located on the first floor of the brick dormitory. Here a study room is reserved and strict supervision maintained during vacant periods.

The purpose of the Academy is to prepare thoroughly for the standard courses in any college, and to provide a good general education for those who cannot continue their studies further.

Two courses are offered, Classical and Scientific.

The languages of the Classical Course are Latin, and Greek or German. The Scientific substitutes science for the Latin of the junior and senior years.

Requirements for Entrance.—All applicants for admission to the first year class are examined in orthography, elementary English and arithmetic (through proportion), descriptive geography, and United States history. Applicants for admission to higher classes will, in addition to the above, be examined in the studies of the classes below that for which they apply. Certificates are accepted in lieu of examinations in so far as they represent equivalents in time and in work of studies prescribed in the academic courses.

Students should bring with them certificates of standing and grades in schools from which they may come, stating the text-books used and the amount of time spent upon each study.

Synopsis of Courses of Study.

First Year.

	1st Sem.	2nd Sem.
Bible	..	(2)
English	(5)	(3)
Latin	(5)	(5)
Mathematics	(5)	(5)
Phys. Geography, Bookkeeping, Shorthand and Typewriting, History, Arithmetic — elect one	(5)	(5)

Second Year.

	1st Sem.	2nd Sem.
Bible	(2)	..
English	(3)	(5)
Latin	(5)	(5)
History	(5)	(5)
Mathematics	(5)	(5)

Junior Year.

	1st Sem. Class.	1st Sem. Sci.	2nd Sem. Class.	2nd Sem. Sci.
Bible	(2)	(2)	(2)	(2)
English	(4)	(4)	(4)	(4)
Latin	(5)	..	(5)	..
Greek, German — elect one	(5)	(5)	(5)	(5)
Mathematics	..	(4)	..	(4)
Mathematics, Chemistry, Biology, Manual Training — elect one	(4)	..	(4)	..
Chemistry, Biology, Manual Training — elect one	..	(4)	..	(4)

Senior Year.

	1st Sem. Class.	1st Sem. Sci.	2nd Sem. Class.	2nd Sem. Sci.
Bible	(2)	(2)	(2)	(2)
English	(4)	(4)	(4)	(4)
Latin	(4)	..	(4)	..
Greek, German — elect one	(5)	(5)	(5)	(5)
Physics, Chemistry, Biology, Manual Training — elect two	..	(4)	..	(4)
	..	(4)	..	(4)
Physics, Chemistry, Biology, Manual Training, History and Civics, Com'l Law and Economics — elect one	(4)	..	(4)	..

Classical course must include one year of science.

Figures refer to number of hours per week.

Particular Description.

ENGLISH.

The academy course in English prepares for college entrance and at the same time offers a course somewhat complete in itself.

First Year.—The first year is devoted to the study of composition, including punctuation, capitalization, etc., along with a review of English grammar. One year, four hours a week.

Second Year.—In the second year the text used is Herrick and Damon's Rhetoric. Special emphasis is placed upon the study of words, figures of speech, elements of sentence and paragraph structure. Models from the required list of authors are studied. As a means of gaining facility, precision and force of expression, students are required to prepare one or more short themes weekly. One year, four hours a week.

Junior Year.—Analysis of masterpieces in requirement for college admission. Training in articulation, enunciation and reading. One year, four hours a week.

Senior Year.—In the senior year Painter's Introduction to English Literature is the text-book. Subjects for composition are taken from the required reading. Much attention is paid to the application of sound principles of criticism to the literature read. One year, four hours a week.

For the literature to be read before entering the college, see English required for entrance.

Throughout the course constant attention is given to pronunciation, recitation, and colloquial English in order to attain, if possible, facility in the use of a cosmopolitan diction.

LATIN.

Latin is a required study throughout the classical course and for the first two years of the scientific. During the time devoted to this study the student is expected to acquire a large vocabulary, a wide knowledge of the rules of syntax, and the ability to convert English into the Latin idiom. These things furnish an indispensable basis for the work pursued in the college classes. Special attention is given to the forms and structure of the language, which are studied by severe methods of both analysis and synthesis. The grammar is thoroughly studied, and the memory is helped by a rational explanation of forms.

Latin Lessons.—The first year is spent in the study of the declensions and conjugations, syntax and vocabulary, in making translations daily to and from the Latin, and in conversation. Five hours a week.

Caesar and Composition.—The second year is devoted to careful and thorough study of Caesar and composition. Four books are read. Five hours a week.

Cicero and Composition.—The junior year is devoted to Cicero, composition, and a more thorough study of the grammar. Six orations are read. Five hours a week.

Virgil.—The senior year is devoted to Virgil. The Aeneid is studied both textually and as literature. Six books are read. Prosody receives careful attention. Four hours a week.

GREEK.

Greek is a required study alternative to German in the classical course.

Lessons.—The aim of the junior year's study of Greek is to master the elements, six hundred to eight hundred carefully selected Greek words, and two or more chapters of the Anabasis. Five hours a week.

Anabasis and Composition.—In the senior year an effort is made to read thoroughly four books of the Anabasis. The reading is accompanied with prose exercises and sight-reading in the fifth and sixth books. Special effort is made to master a large vocabulary. Five hours a week.

GERMAN.

German is a required study in the classical course unless Greek is chosen.

Junior Year.—(a) Grammar, Spahnhoofd, (b) Glueck Auf. First semester, five hours a week.

(a) Grammar continued, (b) short stories, sight reading. Second semester, five hours a week.

Senior Year.—(a) Easy German Stories, Allen & Batt, (b) Grimm's Maerchen, (c) Stern's Geschichten vom Rhein. First semester, five hours a week.

(a) Storm's Immensee, (b) Hermann und Dorothea, (c) Wilhelm Tell, (d) Stein's German exercises. Second semester, five hours a week.

MATHEMATICS.

The course in mathematics includes arithmetic, algebra, geometry.

Elementary Algebra.—First year, five hours a week.

Advanced Algebra.—Junior year, first semester, four hours a week.

Plane Geometry.—Second year, five hours a week.

Solid Geometry.—Junior year, second semester, four hours a week.

Arithmetic.—See Commercial Electives.

SCIENCE.

The preparatory course in science covers in all, four years' work. It is distributed as follows:

Physical Geography.—First year, first semester, five hours a week.

Physics.—Junior or senior years, four hours a week.

Physiology.—Junior or senior years, first semester, four hours a week.

Botany.—Junior or senior years, second semester, four hours a week.

Zoology.—Junior or senior years, four hours a week. Not offered 1910-1911.

Chemistry.—Junior or senior years, four hours a week, two hours being double for laboratory work.

HISTORY AND CIVICS.

History.—The aim of this department is the acquisition by the student of such historical and political knowledge as will be a necessary element in general culture and a solid foundation for further studies in history and government. The method of teaching employed is that of the text-book with assigned topics for investigation. The course laid out falls under five heads as follows:

English History.—First year, second semester, five hours a week.

Roman History.—Second year, first semester, five hours a week.

Greek History.—Second year, second semester, five hours a week.

Civics.—An elementary study of the different branches of government, local, state and national in this country. Senior year, first semester, four hours a week.

Medieval and Modern History.—Senior year, second semester, four hours a week.

BIBLE.

In the first and second years two hours a week for one semester are given to Old and New Testament biography.

In the junior year two hours a week each semester are devoted to Old and New Testament history.

In the senior year two hours a week each semester are given to study of Christian Doctrines and duties and to select portions of Scripture.

MANUAL TRAINING.

This course is open to juniors and seniors in the Academy. The work includes the practical use and care of ordinary hand-tools for wood-working, gluing, staining and varnishing, glass cutting, bending and filing of metals, drilling, and soldering. One year, four hours a week, three of which are double for shop work.

COMMERCIAL ELECTIVES.

Shorthand.—The system taught is Graham's Standard Phonography. The course covers the entire year; the first six months being devoted to the study of the principles of the system and the remaining time to dictation work. Five hours a week.

Typewriting.—The object of the instruction in typewriting is to give the students a correct method of fingering, a uniform touch and to train them in all the details of form and arrangement of transcript. The work includes business letters, the preparation of tabulated statements and the writing of different legal forms. A student pursuing the course in shorthand is required to take typewriting. No credit is given for this course alone. Five hours a week.

Bookkeeping.—There is but one set, double entry, to be written up by the student. This begins with the simplest transactions and extends through corporation bookkeeping. The student is made thoroughly familiar with the usual business forms such as checks, invoices, promissory notes, certified checks, endorsements, bills, certificates of deposit, bills of lading, etc. One year, five hours a week.

Commercial Arithmetic.—This course includes a short review of elementary principles and a thorough study of problems in business methods. One semester, five hours a week.

Edwards' Medal.—By the gift of Mr. W. C. Edwards of St. Paul, that member of the senior class who is graduated with the highest standing receives a gold medal. This prize was awarded last year to Constance Emily Davis.

SCHOOL OF MUSIC.

Faculty.

HARRY PHILLIPS,

Director. Instructor in Voice Culture.

Certificate from Royal Conservatory of Music, Stuttgart, Germany, 1885 to 1889. Organist and Soloist in various churches in St. Paul and Minneapolis, 1889 to 1906. Baritone in Westminster Presbyterian Church, Minneapolis, 1906——. Director and Instructor in Piano and Voice Culture, Macalester College, 1895——.

Residence, 1722 Princeton Ave. N. W. Midway 129 J.

GEORGE HERBERT FAIRCLOUGH,

Instructor in Piano, Organ, Theory.

Certificate from Royal High School of Music, Berlin, Germany, (1893 to 1896), under Professors Barth, von Peterson, Ernest, Schelling, Piano; Bargiel and Succo, Theory; Clemens, Organ. Director of Music, Presbyterian Ladies' College, Brantford, Ont., 1891 to 1893. Organist and Choir Master, St. John's Episcopal Church, and also of Mount Zion Hebrew Temple, St. Paul, 1900——.

Residence, 546 Ashland Ave. N. W. Cedar 5258.

JANE PINCH,

Vocal Instructor.

Three years in Conservatory of Music at Ripon College, Wis., under Dr. D. S. Stillman and Mr. Ellenberger, followed by one year under Signor Vittorio Carpi, of the Chicago Conservatory of Music, and Mr. Young, of Chicago.

Residence, 872 Dayton Ave.

BESSIE A. GODKIN,

Instructor in Piano.

Pupil of C. G. Titcomb seven years. Special work, New York City, two years.

Residence, 1048 Van Slyke. N. W. Dale 2661.

WILLIAM WARVILLE NELSON,

Instructor in Violin, Composition, Orchestration.

Pupil of Leopold Kramer, Chicago Orchestra, Violin. Pupil of Samuel Baldwin, New York, Harmony, Composition and Orchestra.

Residence, 1821 Selby Ave. N. W. Cedar 4924.

LOTA CHRISTIAN McMILLAN.

Instructor in Violin. Leader of College Orchestra.

Student in Violin under Hope Payne Nippolt, Carl Venth and Emil Straka of St. Paul, Max Bendix of Chicago, and Jan Hambourg of London.

Residence 31 Sherburne Ave. N. W. Cedar 4476.

MRS. AUGUSTA MacLEOD.

Instructor in Public School Music and Methods.

Special work in Public School Music with Miss Shawe, Teacher in the public schools of St. Paul for twenty-four years.

Residence 630 Ashland Ave. N. W. Dale 860.

The School of Music issues a special catalogue giving courses of study, advantages of location, representative recital programs, electives in music, etc., which is sent on request to the President of Macalester College. For this reason a few points only of general interest are here included. This School, forced by its rapid growth, will move this summer into a building of its own on Macalester avenue directly opposite Wallace Hall. This building will be remodeled so as to provide sixteen practice rooms and will be under the personal charge of an approved care-taker and his wife. The office of the Director and the recital hall remain however in Wallace Hall.

Entrance Requirements.—All pupils on entering the School will be examined by the Director and classified according to their knowledge and ability.

Teacher's Certificate.—At the end of the second year certificates will be given to those wishing to teach, stating their proficiency and fitness for teaching in whatever branch they have been studying. To receive this certificate it will be necessary to have had one year of Harmony.

Graduation.—All students completing the required course of three years, in either Vocal Culture, Piano, Organ or Violin, to the satisfaction of the Director of that particular subject, and having taken a year of **Advanced** Harmony, Composition, the Forms, etc., will be granted diplomas. No diploma will be awarded unless the student has attended the School of Music at least one year.

Orchestra.—A College Orchestra, composed of students and under competent leadership, has been organized this year with great satisfaction to members and public. It is open to all students at a nominal fee of one dollar a year.

Terms for Instruction.

Piano, per semester—Miss Godkin:
- One hour lesson per week $36.00
- Two 30 minute lessons per week 36.00
- One 45 minute lesson per week..... 28.00

Piano or Pipe Organ, per semester—Mr. Fairclough:
- Two 30 minute lessons per week 54.00
- One 45 minute lesson per week 43.00

Vocal Lessons, per semester—Mr. Phillips:
- Two 20 minute lessons per week 72.00
- Two 30 minute lessons per week 90.00
- One 30 minute lesson per week 50.00

Vocal Lessons, per semester—Miss Pinch:
- Two 30 minute lessons per week 54.00
- One 30 minute lesson per week 30.00

Harmony, class lessons, per semester:
- Two lessons per week 12.00

Public School Music:
- Class of six per semester 12.00
- Class of four per semester 15.00
- Class of three per semester 18.00
- Class of two per semester 27.00

Violin, per semester:
- Two 30 minute lessons per week 36.00
- One 30 minute lesson per week 20.00

Rent of Piano for practice, per semester:
- One hour per day 4.00
- Two hours per day 8.00
- Three hours per day 12.00
- Four or more hours per day 14.00
- Incidental fee per semester..... 6.50

Payment strictly in advance and only in case of severe illness of more than two weeks duration can any deduction be made for missed lessons. In such cases the School will share the loss equally with the pupil.

Honorary Degrees

Conferred by Macalester College.

No honorary degrees were given by Macalester College before 1901.

1901: D. D. to Rev. Charles Thayer, Ph. D.....Deceased.

D. D. to Rev. George W. Davis, Ph. D., St. Paul, Minn.

1902: D. D. to Rev. H. F. Stilwell, First Baptist Church.... .....St. Paul, Minn.

D. D. to Rev. J. Le Moyne Danner....New York, N. Y.

LL. D. to Hon. Thomas Wilson.....Deceased.

1903: D. D. to Rev. Joseph Cochran, Macalester, '89..... .....Philadelphia, Pa.

1904: D. D. to Rev. Stanley B. Roberts..Minneapolis, Minn.

M. A. to Myron A. Clark, Macalester, '90..... .....Rio Janeiro, Brazil.

1905: D. D. to Rev. Charles F. Hubbard.....Auburn, N. Y.

1906: D. D. to Rev. Donald D. McKay.....Tacoma, Wash.

1907: D. D. to Rev. Archibald Cardle, Macalester '94..... .... Burlington, Iowa.

Roll of Alumni.

Class of 1889.

George Washington Achard....Business, Minneapolis, Minn.
Jos. Wilson Cochran.....Minister, Philadelphia.
Ulysses Grant Evans .....Minister, Derby, Iowa
James Chase Hambleton.....Teacher, Columbus, Ohio.
Benjamin Wallace Irvin.....Deceased.
Samuel M. Kirkwood.....Surgeon, St. Paul, Minn.
Wm. Porter Lee.....Minister, Germantown, Pa.
Paul Erskine McCurdy.....Business, Philadelphia, Pa.
Louis Ferdinand Slagle.....Deceased.
Charles Albert Winter.....Business, New York City.

Class of 1890.

Myron A. Clark.....Sec. Y. M. C. A., Rio Janeiro, Brazil.
Thaddeus T. Cresswell.....Minister, Pomona, Cal.
John Knox Hall.....Missionary, Denver, Colo.
William Henry Humphrey.....Deceased.
William Paul Kirkwood.....Editor, Minneapolis Journal.
Amos Avery Randall.....Minister, Princeville, Ill.
Judson L. Underwood.....Missionary, Mayaguez, Porto Rico.

Class of 1891.

Frank Brown .....Willmette, Ill.
Walter F. Finch.....Minister, Slayton, Minn.
Walfred Sunberg .....Deceased.
William B. Turner .....Business, Boston, Mass.
Thomas C. Williamson.....Business, Greenwood, S. D.

Class of 1893.

James Carlisle Simonton.....Business, Minneapolis, Minn.
Joseph Zoll.....Address Unknown.

Class of 1894.

Francis W. Beidler. .....Minister, Monte Vista, Colo.
Archibald Cardle .....Minister, Burlington, Iowa.
Paul A. Ewert.....Attorney, Miami, Okla.
George E. Johnson.....Business, Sayre, Okla.
Sam'l M. Marsh.....Minister, Amboy, Minn.
Wm. H. Sinclair.....Minister, Clarksville, Iowa.

Class of 1895.

Frank E. Balcome.....Physician, St. Paul, Minn.
John W. Christianson.....Minister, Castlewood, S. D.
Thomas Fitz-Morris Clark.....Minister, St. Croix Falls, Wis.
Chas. D. Darling.....Minister, Minneapolis, Minn.
Ed. Howard Gordon.....Deceased.
Harry Clinton Schuler.....Missionary, Teheran, Persia.
John Hansen Sellie.....Minister, Buffalo, Minn.
Arthur Whitney Vance .....
City Editor, Daily News, St. Paul, Minn.

Class of 1896.

Alexander Edward Cance .....
Teacher, Mass. Agr'l School, Amherst, Mass.
Moses M. Maxwell.....Minister, St. Paul, Minn.
Samuel F. Sharp.....Minister, Alliston, Ontario, Can.

Class of 1897.

Albert Ernest Evans.....Minister, Russell, Minn.
Charles W. Hansen .....Deceased.
Ernest Charles Henke.....Minister, Baraboo, Wis.
George Leck .....Deceased.
John McLearie .....
Professor, State School of Mines, Rapid City, S. D.
Winifred Moore-Mace .....Beresford, S. D.
Arthur A. Palmer.....Minister, Morgan, Minn.
Charles Petran.....Missionary, Aguascalientas, Mexico.
Louis B. Sherwin .....Minister, Bayfield, Wis.
William K. Sherwin.....Teacher, Carlton, Minn.
Arthur G. Welbon.....Missionary, Seoul, Korea.

Class of 1898.

Clarence Dwight Baker .....Deceased.
Charles Warren Dade.....Teacher, Sebeka, Minn.
Anna Moore Dickson.....Teacher, H. S., St. Paul, Minn.
Caspar Gregory Dickson .....Clerk Nat. Lib'y, Washington.
Nellie M. Flanders-Sherwin.....Carlton, Minn.
John M. Guise .....Prin. of School, St. Paul, Minn.
Carlton Leslie Koons.....Minister, Eau Claire, Wis.
Robert C. Mitchell.....Minister, Indianola, Ia.
William James Mitchell.....Minister, Brighton, Wash.
David Walter Morgan.....Minister, Birmingham, Iowa.

Class of 1899.

Hugh S. Alexander.....Prof. Mac. College, St. Paul, Minn.
Walter Baker Augur.....Minister, Arriba, Colo.
Charles Allen Clark.....Missionary, Seoul, Korea.
Ralph Elmo Clark.....Minister, St. Peter, Minn.
Paul Doeltz.....Missionary, Iloilo, Philippine Islands.
George C. Edson.....Minister, Brooklyn, N. Y.
Thomas George Jamieson.....Business, Calgary, Can.
Almira F. Lewis.....Pueblo, Colo.
James Murray .....Minister, Asotin, Wash.
Samuel Merton Pinney.....Menomonie, Wis.
Jacob Elmer Smits.....Deceased.
George Stanley.....Minister, Rushford and Utica, Minn.
Murray Alberton Travis.....Minister, Palacios, Tex.

Class of 1900.

John Calvin Abels.....Minister, Washington, Ia.
Miles Strong Grimes.....Minister, Madelia, Minn.
Ralph Emerson Herron.....Business, Manito, Ill.
John Robert Landsborough.....Minister, Oregon City, Ore.
Ernest A. Oldenburg.....Minister, St. Paul, Minn.
Mathilde Pederson-Romunstaad.....Deceased.
Irving David Roach.....Business, Azusa, Cal.
William James Sharp.....Minister, So. Tacoma, Wash.
Roy Walker Smits.....Supt. Schools, Kelso, Wash.
David A. Thompson.....Minister, Selwood, Portland, Ore.

Class of 1901.

Wm. Beckering.....Minister, Dostberg, Wis.
Louis Benes.....Minister, Waupun, Wis.
Henry Roy Bitzing.....Lawyer, Mandan, N. D.
Percy Porter Brush.....Business, Kelso, Wash.
Charles Morrow Farney.....Business, St. Paul, Minn.
Henry D. Funk.....Prof. Mac. College, St. Paul, Minn.
Nathaniel E. Hoy.....Meadow, S. D.
Lewis Hughes .....Ottawa, Minn.
Richard U. Jones.....Prof., Mac. College, St. Paul, Minn.
William C. Laube.....Professor and Minister, Dubuque, Ia.
Millicent V. Mahlum.....Teacher, Brainerd, Minn.
William H. Travis.....Prof. Palacios College, Palacios, Tex.
Lily Bell Watson.....Macomb, Ill.

Class of 1902.

Frederick Brown.....Minister, Lansing, Mich.
Robert L. Davidson.....Teacher, Kent, Wash.
Sarah A. Haines.....Sitka, Alaska.
Grace Iddings-Fletcher.....Grand Forks, N. D.
Leonard L. Mann..... Waupun, Wis.
Francis H. Newton.....Minister, Reubens, Idaho.
Winifred R. Pringle-Weber.....Bayfield, Wis.
Edgar E. Sharp.....Lawyer, Moorhead, Minn.
Benjamin Bruce Wallace.....Univ. of Wis., Madison, Wis.
Helen Margaret Wallace-Davies.....Grand Rapids, Minn.

Class of 1903.

John Morton Davies.....Minister, Grand Rapids, Minn.
Bessie Shepard Doig-Jacobson.....Panora, Iowa.
Julia Anita Elmer.....Teacher, St. Paul, Minn.
Peter Erickson.....Minister, Drayton, N. D.
Ebenezer Thomas Ferry.....Minister, Morrisville, Pa.
Emma Inez Godward-Davies.....Stamford, Nebr.
Robert McMaster Hood.....Minister, Sunset, Wash.
Peter Westin Jacobson.....Minister, Panora, Iowa.
Raymond Lewis Kilpatrick.....Engineer, Hibbing, Minn.
Donald Norman MacRae .....
Minister, Glace Bay, Cape Breton, N. S.
Henry Morgan.....Reporter, St. Paul, Minn.
Joseph E. Rankin.....Minister, St. James, Minn.
Mary J. Rankin.....Missionary Teacher, Ozone, Tenn.
Max. M. Wiles.....Minister, Chicago, Ill.
William H. Weber.....Business, Bayfield, Wis.

Class of 1904.

Grace Ivanore Chapin-Sharp.....Moorhead, Minn.
Peter Arthur Davies.....Stamford, Nebr.
Thomas Hunter Dickson.....Med. Student, U. of M., Minn.
Margaret Evans-Detweiler.....Porto Rico.
William Horatia Kendall.....Minister, Farmington, Ill.
Alfred Edward Koenig.....Student U. of Wis., Madison, Wis.
William Oliver Rothney.....Minister, Winnipeg, Can.
Henry John Voskuil.....Missionary, Amoy, China.
Tolbert Watson.....Physician, Albany, Minn.
Mabel Wicker.....St. Paul, Minn.

Class of 1905.

John Thomas Anderson.....Theo. Student, Waterloo, N. Y.
Earl Kenneth Bitzing.....Editor, Mandan, N. D.
Eugene Erwin Bromley.....Missionary, Sitka, Alaska.
Isabelle Alice Elmer.....St. Paul, Minn.
Asa John Ferry .....Minister, Philadelphia, Pa.
Thomas Edwin Flinn.....Physician, Chicago, Ill.
Ledru Otway Geib.....Med. Student, Detroit, Mich.
Mary Carnahan Guy-Shellman, Missionary, Pitsanuloke, Siam.
Marie Grace Jamieson.....Student, Chicago U., Ill.
Daniel Griffin Le Fever.....Principal, Tyler, Minn.
James Albert Slack.....Minister, Yorktown, Iowa
Robert Owens Thomas.....Horicon, Wis.
Jane Turnbull .....Teacher, Kerkhoven, Minn.

Class of 1906.

Levi H. Beeler....Pres. Henry Kendall College, Tulsa, Okla.
James Ekin Detweiler.....Minister, Eminence, Ky.
James Hamilton.....Minister, Webster, Nebr.
Roscoe Cliver Higbee.....Law Student, St. Paul, Minn.
Alexander Hood .....San Anselmo, Cal.
Albert Kuhn.....Prof. Presb. Sem., Dubuque, Ia.
Paul H. Th. Ruterholz.....Teacher, Wells, Minn.
Ruth Estelle Swasey-Rusterholz.....Wells, Minn.
Gordon Graham Thompson.....Med. Student, Chicago.
Frank Harvey Throop.....Missionary, Soo Chow, China.
Margaret Turnbull.....Teacher, MacIntosh, Minn.

Class of 1907.

William Harvey Amos.....Howard Lake, Minn.
James Albert Caldwell.....Chippewa Falls, Wis.
Robert W. Davies.....Principal, Taylors Falls, Minn.
Josephine Elmer.....St. Paul, Minn.
Marshall Gregory Findley.....Teacher, Princeton, N. J.
Richard David Hughes.....Theo. Student, Chicago, Ill.
Martha Antoinette Jacobsen.....Principal, Madelia, Minn.
Henrietta Cecelia Lundstrom.....Teacher, Dassel, Minn.
Rose Amelia Metzger-Nutt.....Sidney, Mont.
David McMartin.....Theo. Student, Princeton, N. J.
Rhoda Catherine MacKenzie.....Teacher, Oshkosh, Wis.
Richard Samuel Nutt.....Bank Cashier, Sidney, Mont.
Ole Johnson Oie.....Student, Univ. of Minn.
William Fred Pottsmith.....Theo. Student, Chicago, Ill.
Mary Pauline Payne.....Teacher, Mapleton, Minn.
Minerva Schlichting.....Teacher, Argyle, Minn.
Ruth Adelia Sherrill.....Teacher, Morgan, Minn.
Mary Helen Smith-Jones.....St. Paul, Minn.
George Hill Smith.....Business, Excelsior, Minn.

Class of 1908.

George Kemp Aiken.....Reporter, Tacoma, Wash.
Hanna Sophia Berg.....Teacher, Grantsburg, Wis.
Ralph Brinks.....Principal, Page, N. D.
Richard Stanley Brown.....Sharon, N. D.
Edith Frederica Cale.....Teacher, Cottonwood, Minn.
Clifford Clement Cornwell....Theo. Student, Auburn, N. Y.
Evan Milton Evans.....Law Student, St. Paul, Minn.
Rosella Evans.....Teacher, Anamoose, N. D.
James Todd Guy.....Law Student, St. Paul, Minn.
Mary Elizabeth Guy.....Principal, Sherburne, Minn.
Walter Mell Hobart.....Theo. Student, Princeton, N. J.
Lucy MaBelle Hyslop.....Chester, Minn.
Nina Foy Johnson.....Teacher, Preston, Minn.
Margaret Edith Lakey.....Teacher, Buffalo, N. D.
Peter McEwen.....Theo. Student, Chicago, Ill.
Luke Edward Marvin.....Duluth, Minn.
Martha Bessy Olson-Bromley.....Sitka, Alaska
Stanley Hall Roberts.....Theo. Student, Chicago, Ill.
Lydia Anna Schroedel.....Teacher, St. Paul, Minn.
Clarence Mason Stearns.....Business, St. Paul, Minn.
Robert Sinclair Wallace..Student, Yale U., New Haven, Conn.

Class of 1909.

Emma Bertelle Barker.....Slayton, Minn.
Lucas H. Brinks .....Teacher, Lisbon, N. D.
Albert Daniel Davies .....Teacher, Minneapolis, Minn.
David Roy Jones .....Theo. Student, Chicago, Ill.
Lulu Lane Piper.....Berwyn, Ill.

Alumni of the School of Music.

Class of 1900.

Mrs. Maud Taylor-Hansen, piano.....Brown's Valley, Minn.

Class of 1901.

Millicent Viola Mahlum, piano.....Brainerd, Minn.

Class of 1905.

Grace Taylor, voice .....
Mrs. W. H. Amos, piano.....Howard Lake, Minn.

Class of 1906.

Carmen Mahlum, voice .....Brainerd, Minn.
Pearl Neeb, voice..... Lewiston, Minn.
Charrie Roberton, voice .....Rushford, Minn.
Mildred Gretchen Phillips, piano.....St. Paul, Minn.
Paul H. Th. Rusterholz, voice.....Wells, Minn.

Class of 1907.

Gyda Hansen, voice.....St. Paul, Minn.
Richard U. Jones, voice.....St. Paul, Minn.

Class of 1908.

Ethel Erckenbrack, voice.....Parkers Prairie, Minn.
Ada Nash, piano.....Pipestone, Minn.
Gladys Neff, piano.....Neillsville, Wis.
Minnie Tullar, piano and voice.....Warren, Minn.
Clara Odenwald, voice.....Jordan, Minn.

Class of 1909.

Lorraine Vern Miller, piano.....La Moure, N. D.
Rhea Le Pierre Rocheleau, piano.....Ocean Park, Cal.
Anna May Woodworth, piano.....Carlton, Minn.

Roll of Students.

COLLEGE.

Senior Class.

George Samuel Barclay Acheson.....Lewistown, Ill.
William Jefferson Bell.....Fergus Falls, Minn.
Joseph Vaclav Beran.....Turtle Lake, Wis.
Charles Taylor Burnley .....Hudson, Wis.
Edward John Carson.....Le Sueur, Minn
June Rose Evert.....St. Paul, Minn.
Jesse Willis Hamblin.....Duluth, Minn.
Stanley Hurlbut Hodgman.....St. Paul, Minn.
William Andrew Horne.....Oxbridge, Ontario.
Helen Mary Hunt.....St. Paul, Minn.
Edward Henry Joesting.....St. Paul, Minn.
John Archibald McEwen.....Cavalier, N. D.
Sarah Grace McMartin.....Claremont, Minn.
Pearl Alma Nash ....Pipestone, Minn.
Mildred Gretchen Phillips.....St. Paul, Minn.
Minnie Mae Pierson.....Minnewaukan, N. D.
Leland William Porter.....St. Paul, Minn.
Mary Elsie Raymond.....Minneapolis, Minn.
Gladys Isabelle Roberts.....Minneapolis Minn.
Jeannette Paulina Sawyer.....St. Paul, Minn.
Frederick Samuel Shimian.....Superior, Wis.
Elmer Stuart Smith.....Lisbon, N. D.
Elizabeth Libby Staples.....St. Paul, Minn.
Vernon Elliott Stenersen.....Minot, N. D.
Norman Kendall Tully.....Grand Rapids, Minn.
June Adelia Woodward.....Granite Falls, Minn.

Junior Class.

Robert Walter Baskerville.....Royalton, Minn.
William Ernest Baskerville.....Royalton, Minn.
Allan Hill Brown.....Fargo, N. D.
Homer Clyde Cardle.....Blue Earth, Minn.

Janet Isabella Dodds.....Claremont, Minn.
Donald Smith Doty.....St. Paul, Minn.
Effie Miranda Ellison.....La Moure, N. D.
Hulda Olivia Ellison.....La Moure, N. D.
Oscar Melvin Ellison.....La Moure, N. D.
Marjorie Lucy Hanson.....Warren, Ohio.
Bayard William Heed.....Cokato, Minn.
Ernest Wilburt Johnson.....Neche, N. D.
Ina Elizabeth Lindsley.....Marshall, Minn.
Luella Irene Murphy.....Madelia, Minn.
William Earls Noyes.....Stephen, Minn.
Adelaide Wadsworth Payne.....St. Paul, Minn.
Edna Frances White.....Amboy, Minn.

Sophomore Class.

Anna Elizabeth Anderson.....Alpha, Minn.
Dorothy Elizabeth Baumgart.....St. Paul, Minn.
Ruby Bredenhagen.....St. Paul, Minn.
James Brinks.....Princeton, Minn.
Roscoe James Brown.....Sylvan, Minn.
Ruth Elizabeth Campbell.....St. Paul, Minn.
Orville Clifton Cardle.....Blue Earth, Minn.
Fred Franklin Carson.....Le Sueur, Minn.
Bessie Florence Clark.....St. Paul, Minn.
Mabel Emma Cosgrove..... Le Sueur, Minn.
Elva May Davis.....Madison, S. D.
Louise Lombard Davison.....Madison, S. D.
Alpha Jeanette Dunlap, ...Mandan, N. D.
Jessie Ellen Fisher.....Cottage Grove, Minn.
Clarence Oscar Graue.....Blue Earth, Minn.
Lilah Agnes Holden.....Hudson, Wis.
Hester Hugunin.....St. Paul, Minn.
Arthur Billings Hunt.....St. Paul, Minn.
Florence Hunt.....St. Paul, Minn.
Earle Duane Jenckes.....Pipestone, Minn.
Clarence Eugene Johnson.....Cokato, Minn.
Marion Burdick Jones.....Wabasha, Minn.
Lafayette Emmett Lane.....Minneapolis, Minn.
Blossom Majorie Lang.....Mandan, N. D.
Ruth Anna McKinlay.....Medford, Minn.
Lewis Whitford Matteson.....Williston, N. D.
Roy Elgie Metcalf.....St. Paul, Minn.
Clarice Audrey Miller.....Ely, Minn.
Russell Stephen Peterson.....Willmar, Minn.
John Gottfried Schmidt.....Blue Earth, Minn.
Mae Frances Schneider.....Salem, S. D.
Ella Adelia Stearns.....Jasper, Minn.

Florence Bertha Sterling.....Mandan, N. D.
Edna Alda Stewart.....Delhi, Minn.
Harry Albert Stock.....Carlisle, Pa.
Cassie Marie Stoddart.....St. Paul, Minn.
Oakley Russell Tripp.....Round Lake, Minn.
William Roy De Witt Wallace.....St. Paul, Minn.
Oscar Westerlund.....St. Paul, Minn.
Harry Merrium Willmert.....Blue Earth, Minn.
Ralph Calvin Wilson.....Maine, Minn.
Alfred Grover Youngberg.....Rosthern, Sask.
Gustav Benson Youngberg.....Rosthern, Sask.

Freshman Class.

Marion Azella Backus.....Minneapolis, Minn.
Remsen Marsh Bell.....Washburn, Wis.
Enoch Newman Bengtson.....Rush City, Minn.
John Shiells Campbell.....Owatonna, Minn.
Paul Ephraim Carlson.....Harris, Minn.
George Oliver Chase.....Florence, Nebr.
Mary Bernice Clark.....Eden Prairie, Minn.
Howard Edward Clark.....Eden Prairie, Minn.
Leonard Alvin Clark.....Eden Prairie, Minn.
Austin LeRoy Cramer.....Willmar, Minn.
Edward Romand Crosby.....Madelia, Minn.
Archie Earl Dean.....Craik, Sask.
Emma Joy Frederick.....Delano, Minn.
Bertha Irene Gamble.....Hopkins, Minn.
William John Greenfield.....Clara City, Minn.
William Henry Wallace Holley.....E. Grand Forks, Minn.
Percy Elmer Irving.....Williston, N. D.
Rudolf Kastanek.....Teleci, Policka, Bohemia.
Berenice Antoinette Kellogg.....St. Paul, Minn.
Arthur William Larsen.....St. Paul, Minn.
Del Leslie Laughlin.....Lisbon, N. D.
Samuel Fahnastock Lawler.....St. Paul, Minn.
James R. Lowell.....Buffalo, Minn.
Grace Eloise McClure.....Litchfield, Minn.
Robert Lee McCornack.....St. Paul, Minn.
Elmer Shepard McCourt.....St. Paul, Minn.
Mrs. Helen B. McMillan.....Belview, Minn.
Enda L. Mohr.....Buffalo, Minn.
John Samuel Nyquist.....Dassel, Minn.
Florence Amelia Otis.....St. Paul, Minn.
Pearl Margueritte Palmer.....Madison, S. D.
Louise Moore Patteson.....Penn Yan, N. Y.
William Sheppard Patteson.....Penn Yan, N. Y.
Norton Walter Peet.....Wolverton, Minn.

William Conkey Phillips.....Preston, Minn.
Edythe Beatrice Pierson.....Minnewaukan, N. D.
Alta Potts.....Sheridan, Wyo.
Harold P. Roberts.....Minneapolis, Minn.
Adeline Marie Rosebrock.....Owatonna, Minn.
Albert U. Sand.....Rome, Ga.
Mabel Josephine Scott.....Dawson, Minn.
Ray Simons.....Virginia, Minn.
Marie Gertrude Smits.....Le Roy, Minn.
James Merton Snyder.....Fulda, Minn.
Olive Batterbee Southwell.....Minneapolis, Minn.
Alice Treat Staples.....St. Paul, Minn.
John Henry Styles.....Willmar, Minn.
John Van Swearingen.....Hookstown, Pa.
Florence Adell Switzer.....Two Harbors, Minn.
Anna Agnes Termath.....Minneapolis, Minn.
John Daniel Thomas.....Lime Spring, Iowa.
James Russel Thomas.....Sherburn, Minn.
Mabel Edith Trenerry.....Hibbing, Minn.
Louise Antoinette Walvoord.....Cedar Grove, Wis.
Katie Lillian White.....Claremont, Minn.
Cora Ruth Youngberg.....Howard Lake, Minn.
Vera Mae Zimbeck.....Montevideo, Minn.

Special Students.

Ruth Harbert Bates.....Hibbing, Minn.
Gertrude E. Beggs.....Minneapolis, Minn.
Ardelia Rebecca Bisbee.....Madelia, Minn.
Sidney Dale Bumgardner.....St. Paul, Minn.
Ragna Leonora Bye.....Kenmare, N. D.
Nellie Mae Cadwell.....Minneapolis, Minn.
Ada Hulda Caroline Dahlgren.....Fergus Falls, Minn.
Frank A. Denholm.....Andover, S. D.
Lila Eva Dossett.....Madelia, Minn.
Kathrine Gamble.....Wayne, Nebr.
Albert Howard Gammons.....St. Paul, Minn.
Ethel Haggard.....Mankato, Minn.
Bertha Lillian Hall.....Minnewaukan, N. D.
Dixie Elizabeth Haynes.....Miles City, Mont.
Fred Charles Helwig.....Fulda, Minn.
Gladys Rankin Leasure.....St. Paul, Minn.
Anna Mae Little.....Bellevue, Nebr.
Robert Shepard McCourt.....St. Paul, Minn.
Carl Oscar Nelson.....Wirserum, Sweden.
Clarence O'Gordon.....Minneapolis, Minn.
Iva Nannette Palmer.....Madison, S. D.
Grace Anna Soutar.....Luverne, Minn.
Minnie MaBell Tullar.....Warren, Minn.
Mildred Ruth Way.....St. Paul, Minn.

BALDWIN SCHOOL.

Senior Class.

Wallace J. Anderson.....Eden Prairie, Minn.
Hosea Greenwood Bosley.....St. Paul, Minn.
Arthur George Brown.....Eden Prairie, Minn.
Truman Dean Brown.....Eden Prairie, Minn.
Charles Edward Clark.....Blue Earth, Minn.
Helen Marie Dixon.....St. Paul, Minn.
Margaret MacGregor Doty.....St. Paul, Minn.
Marjorie DuShane.....St. Paul, Minn.
George Foster Freeman.....St. Paul, Minn.
Lloyd Gilmore.....Hope, N. D.
Guy Marcellus Johnson.....Cambridge, Minn.
Elizabeth Winona Lindsey.....Poplar, Mont.
Edward Everett McCabe.....St. Paul, Minn.
Roscoe McCormick.....White Lake, S. D.
Lois Euphemia McEwan.....Alexandria, Minn.
Lily Blanche Mowat.....St. Paul, Minn.
Edward Carlton Roberts.....Minneapolis, Minn.
Carolyn E. Smith.....St. Paul, Minn.
Gertrude Gray Smith.....St. Paul, Minn.
John William Stuhr.....Euclid, Minn.
Vera Maud Tormey.....St. Paul, Minn.

Junior Class.

Margaret Marie Defiel.....St. Paul, Minn.
Phyllis Atherton Drew.....St. Paul, Minn.
James Ross Du Shane.....St. Paul, Minn.
Helen Marguerite Fugelede.....St. Paul, Minn.
Margaret Elizabeth Harrison.....St. Paul, Minn.
Erma Johnson.....St. Paul, Minn.
Josie Myrtle Knight.....St. Paul, Minn.
Blanche Hazel Macdonell.....St. Paul, Minn.
Thomas McMillan.....St. Paul, Minn.
Emily Helen Payne.....St. Paul, Minn.
Albert Henry Porter.....Duluth, Minn.
Harold Marian Sims.....Minneapolis, Minn.
Julia Marshall Slack.....St. Paul, Minn.
Dorothy Elizabeth Thomas.....St. Paul, Minn.
Ruth Tormey .....St. Paul, Minn.
Ada Wilcox.....Minneapolis, Minn.

Second Year Class.

Esther Clara Abbetmeyer.....St. Paul, Minn.
Albert Christopher Barbo.....Deronda, Wis.
George William Barbo.....Deronda, Wis.
Caroline Robert Bishop.....St. Paul, Minn.
Ruby Angel Blakely.....Minneapolis, Minn.
Julia Brathing.....Battle Lake, Minn.
Jean Brawley.....St. Paul, Minn.
Grace Emily Brown.....St. Paul, Minn.
Imogene Buswell.....St. Paul, Minn.
Chester Louis Coleman.....St. Paul, Minn.
Marie Thaasen Dahlquist.....St. Paul, Minn.
Francis Marion Dana.....St. Paul, Minn.
Margaret Douglas Downing.....St. Paul, Minn.
Stephen Henry Dysinger.....St. Paul, Minn.
Gwendolyn Lotimer Eastman.....St. Paul, Minn.
Dwight F. Hoover.....St. Paul, Minn.
Christopher Leo Kenny.....St. Paul, Minn.
Frederick Joseph Kenny.....St. Paul, Minn.
Alvin O. Leuzinger.....Waverly, Minn.
Mabel Lenore Lundsten.....Waconia, Minn.
John Thomas McCallum.....St. Paul, Minn.
Walter Ernest David McGarvie.....Tamarack, Minn.
Loana Miriam Miller.....St. Paul, Minn.
Howard Morrison Peet.....Wolverton, Minn.
Harriet Mary Pierce.....St. Paul, Minn.
Samuel Gottlieb Schiek.....Grant Park, Ill.
Grace Seigman.....St. Paul, Minn.
Mabel Parthenia Smith.....St. Paul, Minn.
Elmer Trolander.....Alborn, Minn.
Clarence Henning Turnquist.....Minneapolis, Minn.
Vera Marie Utter.....St. Paul, Minn.
Mary Helen Wade.....St. Paul, Minn.
Vivian Lucile Watson.....Lacon, Ill.
Elda Mary Wilson.....Maine, Minn.

First Year Class.

Theodore Emil Anderson.....St. James, Minn.
Paul Arp.....Luverne, Minn.
Henry Stephen Blomberg.....McGregor, Minn.
Charles Henry Bronson.....Minneapolis, Minn.
Charlotte Agatha Burlington.....Bolivar, N. Y.
Mamie Dean Dearborn.....St. Paul, Minn.
Myrtle Theresa Drysdale.....Minneapolis, Minn.
Ada Ernst.....St. Paul, Minn.
Grace Stewart Ewing.....St. Paul, Minn.
Luther Barwise Harrison.....White Bear, Minn.

Harry R. Hilton.....St. Paul, Minn.
John Brainard Holland.....Forest Hill, Md.
Henry Alexander Holmberg.....St. Paul, Minn.
Daisy Irene King.....St. Paul, Minn.
Rebecca Larson.....Pipestone, Minn.
James Warren Lennon.....St. Paul, Minn.
Henry Lewis.....Minneapolis, Minn.
Stuart Ainslie McLeod.....St. Paul, Minn.
Isabelle Hamilton Mills.....St. Paul, Minn.
Helen Minerva Moore.....St. Paul, Minn.
Edward Wallace Nelson.....St. Paul, Minn.
Samuel Banks Nelson.....Minneapolis, Minn.
Howard Elisworth Nettleton.....Minneapolis, Minn.
David Everick Northrup.....Glasford, Ill.
Oscar Peter Peterson.....Roseau, Minn.
Katherine Meredith Phillips.....St. Paul, Minn.
William Riley.....Memphis, Tenn.
Madge Ione Smith.....St. Paul, Minn.
Marian Gladys Stark.....Minneapolis, Minn.
Herbert Mortimer Temple.....St. Paul, Minn.
Frank Edmond Trolander.....Alborn, Minn.
Miriam Winifred Wallace.....St. Paul, Minn.
Gladys Beatrice Zimmerman.....St. Paul, Minn.

Special Students.

Herman Elof David Almquist.....Horda, Sweden
Ethel Minnie Barnes.....Ashby, Minn.
Gertrude E. Beggs.....Minneapolis, Minn.
Ruth Bjorkman.....Minneapolis, Minn.
Mildred Corliss.....Grand Forks, N. D.
William Albert Dalton.....Birmingham, England.
Solomon David David.....Damascus, Syria.
Ross Chadbourn Davis.....Blue Earth, Minn.
Alice Mary Eames.....Osnabrock, N. D.
Hilbert Ellison.....La Moure, N. D.
Steele Fisher.....Armstrong, B. C.
Bertha Gladys Frederick.....Minneapolis, Minn.
Irma Gujer.....Duluth, Minn.
Myrtha Marie Gunderson.....St. Paul, Minn.
John Leslie Harvey.....Minneapolis, Minn.
Pauline Hayes.....St. Paul, Minn.
Paul Johnson.....Deceased.
Edith Helen Junod.....La Moure, N. D.
Gertrude K. Leuzinger.....Waverly, Minn.
Emily Leveroos.....St. Paul, Minn.
Gladys Lucille Lundie.....Salem, S. D.
John Frances Merrill.....Minneapolis, Minn.
Karine Michalson.....Hudson, Wis.

Gladys Elizabeth Murch.....St. Paul, Minn.
Mabel J. Nelson.....Minneapolis, Minn.
Gertrude Beatrice Page.....St. Paul, Minn.
Arline Fredericka Pieper.....St. Paul, Minn.
Grace Tanner Porter.....La Moure, N. D.
Phillip Alfred Quackenbush.....Sleeman, Ontario.
Ruth Ryan.....St. Paul, Minn.
Hannah Helen Sandvig.....St. Paul, Minn.
Zola Maligra Scott.....Chatfield, Minn.
Elizabeth Estelle Spayde.....Rapid City, S. D.
May Foster Stegner.....St. Paul, Minn.
Genevieve Edith Stoddart.....St. Paul, Minn.
Ruth Emily Trolander.....Albern, Minn.
George William Wells.....St. Paul, Minn.
John Russell Williams.....Minneapolis, Minn.
Valeta Viola Ward.....St. Paul, Minn.

MUSIC STUDENTS.

Letters after names indicate courses; p., piano; v., voice; h., harmony; p. s., public school.

Ethel Barnes, p., v., h., p. s.....Ashby, Minn.
Ethel Bates, p., h.....Hibbing, Minn.
Gertrude E. Beggs, p.....Minneapolis, Minn.
William J. Bell, p.....Fergus Falls, Minn.
Ardelia Bisbee, p., h.....Madelia, Minn.
Ruth Bjorkman, v.....Minneapolis, Minn.
Roscoe J. Brown, v.....Sylvan, Minn.
Charlotte Burlington, p., h.....Bolivar, N. Y.
Howard E. Clark, p.....Eden Prairie, Minn.
Mildred C. Corliss, p., v., h.....Grand Forks, N. D.
Ada Dahlgren p., v., h.....Fergus Falls, Minn.
Elva Davis, v.....Madison, S. D.
Lila Dossett, p., h.....Madelia, Minn.
Alpha Dunlap, p.....Mandan, N. D.
Alice Eames, p., v.....Osnabrock, N. D.
Katherine Gamble, p., v.....Wayne, Nebr.
Myrtha Gunderson, p., h.....St. Paul, Minn.
Irma Guyer, p.....Duluth, Minn.
Lillian Hall, p., v., h.....Minnewaukan, N. D.
Ethel Haggard, p., h.....Mankato, Minn.
Pauline Hayes, p., v.....St. Paul, Minn.
Ethel Junod, p., v.....La Moure, N. D.
Gertrude Leuzinger, p., v., h.....Waverly, Minn.
Anna Little, p., v., h.....Plover, Ia.
Ruth McKinlay, p.....Medford, Minn.
Grace McMartin, p., v.....Claremont, Minn.
Karine Michalson, p.....Hudson, Wis.
Isabelle Mills, p.....St. Paul, Minn.

Edna Mohr, p., v.....Buffalo, N. D.
Gertrude Page, p.....St. Paul, Minn.
Pearl Palmer, p.....Madison, S. D.
Iva Palmer, p., v.....Madison, S. D.
Louise Patteson, v.....Penn Yan, N. Y.
William Patteson, v.....Penn Yan, N. Y.
Mildred G. Phillips, v.....St. Paul, Minn.
Harriet M. Pierce, p.....St. Paul, Minn.
Grace Porter, p., h.....La Moure, N. D.
Hanna Sandwig, p.....St. Paul, Minn.
Zola Scott, v., p. s.....Chatfield, Minn.
Julia Slack, p.....St. Paul, Minn.
Estelle Spayde, p., v., h., p. s.....Rapid City, S. D.
Vernon E. Stenerson, v.....Minot, N. D.
Marion Stark, p.....Minneapolis, Minn.
May Stegner, p.....St. Paul, Minn.
Grace Soutar, p.....Luverne, Minn.
Elizabeth Taylor, p.....Austin, Minn.
Ruth Trolander, p., h.....Alborn, Minn.
Minnie Tullar, v.....Warren, Minn.
Valeta Ward, p.....St. Paul, Minn.

SUMMARY OF STUDENTS.

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	359
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Total	310

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MACALESTER COLLEGE BULLETIN

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CATALOGUE NUMBER

APRIL 1911

VOLUME VII

NUMBER 4

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Baldwin School

(Preparatory)

AND

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1910-1911

SAINT PAUL, MINNESOTA

Entered April 29, 1905, at Saint Paul, Minnesota, as second class matter under act of congress July 16, 1894

College Calendar.

1911-1912.

May 13. Saturday, Senior Vacation begins.

June 1. Thursday, 8:15 p. m., Class-Day Exercises, Baldwin School.

June 2. Friday, 8:15 p. m., Commencement, Baldwin School.

June 3. Saturday, 8:15 p. m., Senior Class Play.

June 4. Sunday, 10.30 a. m., Baccalaureate Sermon.

June 4. Sunday, 8 p. m., Alumni and Christian Associations' Sermon.

June 5. Monday, 8:15 p. m., Recital, School of Music.

June 6. Tuesday, 10 a. m., Class Day Exercises.

June 6. Tuesday, 1:30 p. m., Annual Meeting of Board of Trustees.

June 6. Tuesday, 8:15 p. m., Senior Class Play. Second Rendition.

June 7. Wednesday, 10 a. m., Twenty-third Annual Commencement.

June 7. Wednesday, 1:15 p. m., Alumni Banquet.

June 7. Wednesday, 8 p. m., President's Reception.

Sept. 11-13. Monday-Wednesday, Registration Days.

Sept. 13. Wednesday, 10:30 a. m., First Semester begins.

Nov. 30-Dec. 1. Thursday, Friday, Thanksgiving Recess.

Dec. 20. Wednesday, 4:20 p. m., Christmas Vacation begins.

1912.

Jan. 3. Wednesday, 8:10 a. m., Christmas Vacation ends.

Jan. 29-Feb. 2. Monday-Friday, Examinations and Registration.

Feb. 2. Friday, First Semester ends.

Feb. 6. Tuesday, 8:10 a. m., Second Semester begins.

Feb. 22. Thursday, Washington's Birthday.

April 3. Wednesday, 4:20 p. m., Easter Vacation begins.

April 10. Wednesday, 8:10 a. m., Easter Vacation ends.

June 12. Wednesday, Second Semester ends.

Board of Trustees.

Officers of the Board.

THOS. SHAW .....President
R. A. KIRK.....Vice-President
B. H. SCHRIBER.....Secretary
C. E. MACKEAN .....Treasurer

Trustees.

TERMS EXPIRE JUNE, 1911.

THOMAS SHAW.....St. Paul, Minn.
A. D. THOMSON.....Duluth, Minn.
A. R. CHACE.....Marshall, Minn.
THOMAS B. JANNEY.....Minneapolis, Minn.
O. A. ROBERTSON.....Minneapolis, Minn.

TERMS EXPIRE JUNE, 1912.

REV. H. C. SWEARINGEN, D. D.....St. Paul, Minn.
R. A. KIRK.....St. Paul, Minn.
REV. JOHN E. BUSHNELL, D. D.....Minneapolis, Minn.
*REV. A. B. MARSHALL, D. D.....Minneapolis, Minn.
FREDERICK WEYERHAEUSER.....St. Paul, Minn.

TERMS EXPIRE JUNE, 1913.

B. H. SCHRIBER.....St. Paul, Minn.
R. C. JEFFERSON.....St. Paul, Minn.
GEORGE W. WISHARD.....Minneapolis, Minn.
GEORGE D. DAYTON .....Minneapolis, Minn.
P. L. HOWE.....Minneapolis, Minn.

T. MOREY HODGMAN, ex-officio.....St. Paul, Minn.

*Resigned. To take effect June, 1911.

Committees of the Board.

Executive Committee.

THOS. SHAW, Chairman. R. A. KIRK.
B. H. SCHRIBER, Secretary. R. C. JEFFERSON.
T. B. JANNEY. H. C. SWEARINGEN.
T. M. HODGMAN.

Committee on Endowment.

R. A. KIRK. H. C. SWEARINGEN.
T. M. HODGMAN. THOS. SHAW.
GEO. D. DAYTON. G. W. WISHARD.
R. C. JEFFERSON.

Committee on Instruction.

T. M. HODGMAN, ex-officio. JOHN E. BUSHNELL.
H. C. SWEARINGEN, T. B. JANNEY, R. A. KIRK.

Committee on Property.

R. C. JEFFERSON, T. M. HODGMAN, B. H. SCHRIBER.
R. A. KIRK.

Finance Committee.

R. C. JEFFERSON.
R. A. KIRK, T. B. JANNEY,
T. M. HODGMAN, B. H. SCHRIBER.

Auditing Committee.

B. H. SCHRIBER, G. W. WISHARD, A. B. MARSHALL.

Committee on Commencement.

H. C. SWEARINGEN, B. H. SCHRIBER, T. M. HODGMAN.

College Faculty.

THOMAS MOREY HODGMAN, A. M., LL. D., President,

Mathematics.

A. B., 1884; University of Rochester; A. M., 1890; LL. D., 1907. Graduate student in mathematics in Chicago University and Cornell University. Associate Professor of Mathematics in University of Nebraska, 1884 to 1904. Professor of Inspection and Director of Summer Session, University of Nebraska, 1904-1907. Elected President Macalester College, February, 1907.

Residence, 476 Ashland Ave. N. W. Dale 2450.

JAMES WALLACE, Ph. D., LL. D.,

Professor of Bible. Head Professor of Bible Training Department.

Chair endowed by Mr. Frederick Weyerhaeuser.

A. B., 1874; University of Wooster; A. M., 1877, Ph. D., 1887; LL. D. Adjunct Professor of Greek and Principal of the Academy, University of Wooster, 1876 to 1886. Student in Greece, 1875-1876. Greek Language and Literature, Macalester College, 1887 to 1906. President, Macalester College, 1894 to 1906. Leave of absence, 1907-1909. Professor of Bible, 1909——.

Residence, 1628 Laurel Ave.

ANDREW WORK ANDERSON, A. M., Dean,

Professor of Philosophy and Education.

A. B., University of Wooster 1889; A. M., 1892. Principal of Poland (O.) Academy, 1889 to 1891. Mental Science, Logic and Philosophy, Macalester College, 1891——.

Residence, Macalester College. N. W. Midway 486.

DAVID NEWTON KINGERY, A. M., Registrar,

Professor of Mathematics and Astronomy.

A. B., Wabash College, 1893; A. M., 1899. Teacher of Mathematics and Science, Bluffton (Ind.) High School. Mathematics and Astronomy, Macalester College, 1896——.

Residence, 135 Amherst Ave.

JULIA MacFARLANE JOHNSON, A. M.,

Dean of Women,

Professor of English Literature and Old English.

Graduate of Mt. Holyoke, 1885. Student, University of Pennsylvania, 1887 and 1888. Student, University of Cincinnati, 1889 and 1890. A. M., University of Minnesota, 1905. Professor of Latin Language and Literature in Coates College, 1890 to 1893. Graduate student, University of Minnesota, 1905——. English Literature and Old English, Macalester College, 1897——.

Residence, Wallace Hall. N. W. Midway 535 J.

HENRY DANIEL FUNK, A. M.*

Professor of History.

Student Dubuque (Ia.) German Theological Seminary, 1891 to 1897. A. B., Macalester College, 1901. A. M., University of Minnesota, 1903. Harvard Summer School 1903. Graduate student, University of Minnesota 1904——. German Language and Literature, Macalester College, 1901——.

RICHARD URIAH JONES, A. B.,

Professor of Chemistry.

A. B., Macalester College, 1901. Graduate student, University of Minnesota, 1901 to 1902. Graduate student, University of Chicago, Summer Quarters, 1908 and 1909. Instructor in Mathematics and Physics, Macalester Classical Academy, 1901 to 1903. Chemistry and Physics, Macalester College, 1903 to 1906. Chemistry, Macalester College, 1906——.

Residence, 1257 Lincoln Ave. N. W. Midway 940.

HUGH STUART ALEXANDER, A. M.,

Professor of Physics and Geology.

A. B., Macalester College, 1899. A. M., University of Minnesota, 1905. Teacher of Physics and Chemistry, Cleveland High School, St. Paul, Minn., 1899 to 1906. Physics, Macalester College 1906——.

Residence, 1596 Summit Ave.

JOHN PORTER HALL, A. B.,

Professor of Greek and Principal of Baldwin School.

A. B., Princeton University, 1897. Adj. Professor of Greek, Macalester College, 1897 to 1903. Instructor in Greek, Princeton University, 1903 to 1905. Greek, Macalester College, 1906——.

Residence, 1668 Princeton Ave.

GEORGE WILLIAM DAVIS, Ph. D., D. D.,

Professor of Hebrew Language and Literature. Social and Political Science. College Chaplain.

Graduate Victoria University, Manchester, England, 1882. Graduate Auburn Theological Seminary, N. Y., 1886. Graduate Student Yale University, Conn., 1888 to 1890. Ph. D., (Yale) 1891. Professor Macalester College, 1892 to 1899. D. D., Macalester College, 1901. Student College de France, Paris, 1899 to 1901. Pastor, 1901 to 1907. Professor Macalester College, 1907——.

Residence, 2268 Blake Ave. N. W. Midway 1152.

FREDERICK GIBBS AXTELL, A. M.,

Librarian. Associate Professor of Bibliography.

A. B., 1888, Wesleyan University, Conn., A. M., 1891. Graduate student in long semester, 1901-02, University of Berlin. Graduate student in Summer Quarter, 1905, University of Chicago. Librarian Macalester College, 1903——. Associate Professor of Bibliography, 1909——.

Residence, 68 So. Snelling Ave.

*On leave of absence 1910-1911.

WILLIAM HENRY KLOSE, Ph. D.,

Associate Professor of Modern Languages.

A. B., Roanoke College, 1886. B. D., Yale University, 1889. M. L., University of Minnesota, 1899. Ph. D., State University of Iowa, 1906. Instructor, German, Washington University, 1907-1908. Professor of Modern Languages, William and Vashti College, 1908-1909. Associate Professor of Modern Languages, Macalester College, 1909——.

Residence, 1236 Selby Ave.

FRANKLIN WATERS PLUMMER, A. B.,

Associate Professor of Biology. Physical Director for Men.

A. B., Wabash College, 1908. Graduate student in University of Minnesota, 1908-9. Instructor, Macalester College, 1908-10. Associate Professor of Biology, 1910——.

Residence, 1736 Princeton Ave.

HAROLD OMER BURGESS, A. B.,

Associate Professor of Latin Language and Literature.

A. B., Wabash College, 1908. Graduate student University of Minnesota, 1911. Principal New Market, Ind., High School, 1905-7. Principal, Remington, Ind., High School, 1908-9. Superintendent, Remington, Ind., School, 1909-10. Associate Professor of Latin Language and Literature, Macalester College, 1910——.

Residence, 196 Vernon Ave.

GRACE BEE WHITRIDGE,

Physical Director for Women. Instructor in Dramatic Art and English.

Graduate of Boston School of Oratory, 1890. Post-Graduate Student of Boston School of Oratory, 1891. Student Harvard University, 1892. Graduate New York Academy of Dramatic Art, 1899. Student Columbia University, 1901, 1902, 1904.

Residence, 654 Hague Ave. N. W. Dale 301.

REV. FARQUHAR DAVID McRAE, Ph. D., D. D.,

Instructor in Apologetics and History. Student Pastor.

A. B., Park College, 1887. A. M., New York University, 1893. Ph. D., New York University, 1896. D. D., Park College, 1910. Graduate of the Union Theological Seminary, New York, 1890. Apologetics, Macalester College, 1907——.

Residence, 41 Macalester Ave. N. W. Midway 537.

MAY GIBSON, A. B.,

Latin.

University of Minnesota, A. B. 1905. Instructor in Latin and German, Alexandria, (Minn.) High School, 1906-1908. Instructor in Latin and English, Baldwin School, 1908-1910. Instructor in Latin, Macalester College, 1910——.

Residence, 312 17th Ave. S. E., Minneapolis, Minn.

LILY ISABEL LEWIS,

Instructor in French.

Student, Munich, Germany, 1891-4. Student, Ecole Superiure Lausanne, Switzerland, 1895-6. Student, Ecole Normale Lausanne, Switzerland, 1896-7. Teacher Foreign Languages, Minneapolis School of Music, Oratory and Dramatic Art, 1909-10. Teacher French and Music, Eleanor Miller School, St. Paul, 1909-10. Instructor in French, Macalester College, 1910——.

Residence, 191 Macalester Ave. N. W. Midway 1084.

FRANK DICKEY SCOTT, A. B.,

Instructor in English and Argumentation.

A. B., Waynesburg College, 1910. Graduate student University of Minnesota, 1910——. Instructor in English and Argumentation, Macalester College, 1910——.

Residence, 196 Vernon Ave.

GERTRUDE CRIST,

Secretary to Faculty, President and Registrar.

Graduate, 1903, Central High School in the Scientific Course. Graduate, 1904, Lancaster Business College. Instructor in Lancaster Business College, 1904-1905. Instructor in Commercial Studies, Baldwin School, 1905——.

Committees of the Faculty.

Rules and Discipline.

THE PRESIDENT — J. P. HALL
A. W. ANDERSON — JULIA M. JOHNSON

Curriculum.

R. U. JONES — JAMES WALLACE
A. W. ANDERSON — H. S. ALEXANDER

Library and Reading Room.

F. G. AXTEL — JAMES WALLACE
A. W. ANDERSON — F. D. SCOTT
W. H. KLOSE — MAY GIBSON

Gymnasium and Athletics.

F. W. PLUMMER — R. U. JONES
H. S. ALEXANDER — GRACE B. WHITRIDGE
H. O. BURGESS

Public Exercises.

THE PRESIDENT — J. P. HALL
JULIA M. JOHNSON — GRACE B. WHITRIDGE

Publications.

D. N. KINGERY
F. D. SCOTT
J. P. HALL
THE PRESIDENT

Matriculation.

THE PRESIDENT
D. N. KINGERY
J. P. HALL
A. W. ANDERSON

Religious Work.

F. D. McRAE
G. W. DAVIS
JAMES WALLACE
JULIA M. JOHNSON
ADVISORY MEMBERS:
DR. J. E. BUSHNELL
DR. H. C. SWEARINGEN.

Dormitory.

THE PRESIDENT
JULIA M. JOHNSON
H. S. ALEXANDER
W. H. KLOSE

Supervision of Buildings.

R. U. JONES
H. S. ALEXANDER
THE PRESIDENT
S. M. COOKMAN

Teachers' Bureau.

D. N. KINGERY
JAMES WALLACE
R. U. JONES
H. O. BURGESS

College Council.

THE PRESIDENT
D. N. KINGERY
A. W. ANDERSON
GRACE B. WHITRIDGE
LELAND W. PORTER .....Senior Representative
OAKLEY R. TRIPP .....Junior Representative
J. MERTON SNYDER .....Sophomore Representative
LLOYD GILMORE .....Freshman Representative
EMILY H. PAYNE .....Academy Representative
JOHN T. McCALLUM .....Academy Representative

Other Officials.

Housekeeper of Wallace Hall.....**MISS ALICE M. CLOUGH**
Steward of Edwards Hall .....**LLOYD GILMORE**
Steward of Eutrophian Hall.....**E. W. JOHNSON**
Steward of Uta Ota Club.....**O. M. ELLISON**
Head Engineer .....**SAMUEL M. COOKMAN**
Carpenter, Assistant Engineer.....H. E. OLSON
Assistant Engineer, Wallace Hall .....G. O. CHASE
Assistant Engineers, Main Building.....**DEL LAUGHLIN**
J. M. SNYDER
Head Janitor .....H. G. BOSLEY

General Information.

Historical Sketch.

Macalester College is the outgrowth of the Baldwin School of St. Paul, projected by Rev. Edward D. Neill, D. D., as far back as 1853; and of a similar institution opened in 1873 by the same gentleman in Minneapolis. In 1874 Charles Macalester, of Philadelphia, donated to this school the valuable property known as the Winslow House, near the Falls of St. Anthony, with the understanding that as soon as possible it should be developed into a college. In his honor the institution was named Macalester College. Until 1880 it was an undenominational school. In October of that year it was adopted by the Synod of the Presbyterian Church of Minnesota. In 1883 a syndicate of the trustees bought the present site and gave it to the Board of Trustees. The first building thereon was erected in 1884 and the college was opened September 15, 1885.

Rev. Dr. Neill, the founder of the college, born in Philadelphia in 1823, graduated from Amherst in 1842. After completing his theological studies under Rev. Albert Barnes, he came west, and in 1849, commissioned by the presbytery of Galena, Ill., came to St. Paul as a missionary to the whites. Thereafter until his death (except during the civil war) he devoted his time about equally to the work of the Christian minister and to that of an educator. He was the first territorial superintendent of public instruction and the first chancellor of the state university. He is the author of Neill's History of Minnesota, and also of two volumes of valuable historical monographs. He died Sept. 26, 1893.

Next to Dr. Neill, in point of disinterested service for the college, stands Rev. Daniel Rice, D. D. Edu-

cated at Amherst College and at Andover Seminary, after long and useful service in Ohio and Indiana, he came to Minnesota in 1875. The late years of his life (1879-1889) he devoted wholly and gratuitiously to the upbuilding of this institution of which he was an honored trustee and professor.

Others most actively interested in the establishment of Macalester College were William C. Baker, Richard Chute, W. W. McNair, John S. Pillsbury, Judge C. E. Vanderburgh, Rev. J. C. Whitney, Hon. Eugene M. Wilson, Rev. Robert F. Sample, Henry J. Horn, Henry M. Knox, H. L. Moss, ex-Governor Alexander Ramsey, Chas. T. Thompson, Robert P. Lewis, H. K. Taylor, Thomas Cochran, and Major B. F. Wright. Later, the college found warm friends and supporters in Rev. David James Burrell, D. D., and Rev. J. B. Donaldson, D. D., for several years president of the Board of Trustees. This list would not be complete without mention of the name of James Wallace, Ph. D., acting president 1894-1900 and president 1900-1906, whose faith and loyalty never faltered during the dark days following the panic of the early nineties. A number of the trustees were honored sons of Eastern colleges, such as Amherst, Hamilton, Williams, Lafayette, University of New York, Union and others. The purpose, therefore, in the minds of these men was to build up in the Northwest an institution after the noble character and aims of these institutions whence they came. This was their ideal.

From the beginning Macalester College was burdened with debt, and although, under the leadership of Dr. James Wallace and Rev. David C. Platter, financial secretary, this debt was considerably reduced, yet, on account of the hard times of the nineties, it had, by June 1898, risen to $180,000. Again, under Dr. Wallace's administration, with the energetic assistance of Robert A. Kirk, Thos. Shaw, and Rufus C. Jefferson,

the board was reorganized, the debt liquidated, and efforts for a permanent endowment begun. By February 1907, pledges had been made amounting to about $175,000.

Dr. James Wallace resigned the presidency June, 1906, and in January, 1907, Thomas Morey Hodgman of the University of Nebraska was elected president. By June, 1909, a fund of $450,000 had been pledged all of which except $25,000 has now been paid and invested in buildings or securities. Of this total, $150,000 has been expended in Wallace Hall and Carnegie Science Hall and $300,000 has been set aside for endowment. The chief gifts to this fund were $75,000 from the General Education Board, $50,000 from Hon. Andrew Carnegie, $50,000 from Mr. James J. Hill, $50,000 from Mr. Frederick Weyerhaeuser and over $100,000 from the Trustees. The debt of gratitude which church and college owe those who clung to the institution and who came to its help in the dark days—many of them are still members of the Board of Trustees—is not yet fully appreciated and can never be repaid. The patience, devoted loyalty and heroic sacrifices wrested a great victory out of apparent defeat.

Macalester College celebrated its quarter centennial June, 1910 with impressive ceremonies. By direction of the Board of Trustees and at the expense of the College, a History of Macalester College was published by Professor Henry D. Funk.

Location.

Macalester College is located in Macalester Park, a beautiful suburb in the so-called Midway district, between the Twin Cities of Minneapolis and Saint Paul. Although this district is now experiencing a rapid growth and is destined to be the choice residential section of these cities, the College is still away from the distractions and temptations of city life. There are

CARNEGIE SCIENCE HALL.

no saloons or other places of temptation in the vicinity. The location is favorable for study, for the development of a pure and wholesome college life, and for careful supervision of the conduct of students. Easy access to these cities, however, is afforded by the Grand Avenue and Snelling Avenue electric lines—the latter of which connects with all four interurban electric lines. This combination of college and city life is a unique advantage to Macalester students. The cultural opportunities which the public libraries, churches, lecture courses and musical entertainments of these cities offer, are important and react most beneficially upon both faculty and students.

Campus.

The campus contains forty acres with a frontage of six hundred and sixty feet on Summit Avenue—a fine boulevard two hundred feet in width, which connects the Twin Cities. The College buildings, eight in number, are situated on the north half of the campus, while the ample athletic field, grove of oaks and ice skating rink occupy the southern half.

Buildings and Equipment.

The Main Building is of brick, one hundred feet long and fifty feet wide, three stories high with basement, containing class rooms, society halls, men's gymnasium, library, reading room, auditorium and executive office. The building is heated by steam and provided with its own electric light plant.

The Library contains about eleven thousand nine hundred volumes, not counting duplicates, most of it classified on the Dewey system. The department of bound periodicals at present contains more than eleven hundred volumes, not counting duplicates, most of it works in Puritan and Colonial history and theology, and in early American travels, together with examples

of fifteenth and sixteenth century printing and valuable autograph letters. For greater security this collection has been removed to the museum room in Science Hall.

A large room on the third floor affords excellent accommodations for both Library and Reading Room. It is open every school day during the college year from eight until five o'clock, and on Saturdays and holidays from two to five o'clock.

Sixty-five current periodicals are on file in the Reading Room.

There is set apart each semester, for maintenance of the Library and Reading Room, one dollar of every registration fee.

Henry L. Moss, a former trustee of the college, at his death in 1902 left his property for the support of the Library, subject to life use by Mrs. Moss. Income from this bequest has been received for the first time—one hundred and fifty dollars.

The Bible Training department has received for books about eighty dollars, the gift of friends.

An annual gift of twenty-five dollars from Frank M. Hall, Esq., of Lincoln, Nebraska, has been assigned to the alcove of education.

The alcove of economics receives an equal amount, from Mr. F. A. Hodgman of New York City, in memory of his mother, Mary Hurlbut Hodgman.

The firm of Reed & Stem, St. Paul, contributes one hundred dollars annually for an alcove of art and architecture.

Annual gifts or permanent funds are desired for other alcoves—especially for political science, natural science and biography.

The Library is conducted on approved modern lines of helpfulness by a trained librarian, who gives his entire time to the work. As associate professor of bibliography, the librarian gives systematic instruction

to the incoming classes in the care and use of books. It is planned to enlarge this instruction in the near future. It is believed that in efficiency this library ranks high among college libraries.

The Carnegie Science Hall is a three story building with a full height basement. It is essentially fire proof, being constructed of reinforced concrete and brick. The exterior is of colonial brick with trimmings of Bedford limestone. The floors are of maple over reinforced concrete except those of the halls which are of cement with terrazzo borders. There is a lift from the basement to the attic. The interior finish and furniture are of birch. The basement contains a wood shop and a metal shop for manual training. The first floor is devoted to physics and mineralogy; the second to biology, mathematics and astronomy; and the third to chemistry. The entire building is electrically lighted and steam heated. Ventilation is of the most approved type. Pure air passes into the basement over steam coils and is driven through the building by electric fans. In the attic another fan draws out the foul air. Connections are provided in all of the lecture rooms for both direct and alternating currents for projection as well as for general demonstration and lectures. Light is abundant and well directed. For its size and purpose this building has no superior. Its equipment is described under the various science departments.

The Men's Dormitory is a three-story brick building, ninety feet long by thirty-eight feet wide. The second and third floors contain twenty double rooms designed to accommodate two students each. The rooms are furnished with plain, substantial furniture, are well lighted and thoroughly comfortable. This hall is for men exclusively.

The building is heated with steam, and lighted with gas. Students must care for their own rooms or arrange with some one to do so.

Wallace Hall is a new building for women, situated at the corner of Summit and Macalester avenues, 60 by 127 feet, and so arranged that sunlight falls into every room. In addition to the students' rooms there are elegant parlors, a dining room that seats one hundred, and a large gymnasium in the basement. The classes for the physical training of women are held here. It is heated by steam, lighted by electricity, has hot and cold water in every room, shower and tub bath facilities. It accommodates eighty students. The whole building has every modern appointment and is absolutely fireproof. It is believed that no building of its kind west of Chicago can approach it or be compared with it in plan and equipment. Choice of rooms will be given in order of application.

Edwards Hall is a substantial three-story dormitory for men, on Macalester Avenue, one block south of the college. It is named after W. C. Edwards, Esq., of St. Paul, through whose liberality it was erected. It furnishes accommodations for twenty-two men, and sets tables for forty. The plain, but excellent accommodations provided in this building and offered at very moderate rates have proved a great boon to students who find it difficult to meet the expenses of a college education. The students in this building form a club and manage the boarding department under a matron and other officers of their own choice, subject to the general supervision of the faculty.

Eutrophian Hall is a frame dormitory at the corner of Summit and Snelling avenues. It is heated by a furnace, lighted by gas, and accommodates twenty-five men. It has bath room, lavatory and toilet facilities. The kitchen and dining room are managed on the co-operative plan by the Eutrophian Hall Club. The rooms are furnished similarly to those in the men's

SHAW ATHLETIC FIELD.

Brick Dormitory. This building is under student government.

Music Hall.—The School of Music has its offices in Wallace Hall, but uses for practice work, a special building which faces the campus, and contains sixteen rooms heated by steam and lighted by gas.

Heat, Light and Power Plant.—A central plant containing three boilers, an engine and a dynamo supplies the Main Building, the Men's Dormitory and the Science Hall with steam heat, electric light and power.

Shaw Field.—Provision for the encouragement and development of outdoor athletics has been made by the construction of the Thomas Shaw Athletic Field. This contains four acres of the campus lying directly south of the main building and is inclosed by an iron fence. A quarter mile track twelve feet wide with turns on a hundred foot radius is one of the important features of the field. This track is on a dead level and has a foundation of coarse cinders five inches deep on top of which is a layer of fine surfacing cinders two inches deep. The part of the field inclosed by the track is laid out as a football and baseball field and also provides room for an outdoor basketball field. The whole area within the track is perfectly level and with the exception of the diamond is seeded down with a special mixture of lawn grass seed which will stand the rough usage athletic fields naturally receive.

On the east side of the field between the fence and the track lies an elevated strip about thirty feet wide along which a series of bleachers is being constructed. These are to be in units having a seating capacity of about five hundred each. The first of these which is already built is completely inclosed underneath, providing room for the storing of the field equipment and for ticket offices.

The track in front of the bleachers has straight extensions at the corners which provide a straightaway track for all the short races, while just inside the curb the proper settings are provided for the pole vault, the running and broad jump and the discus throw.

Shaw Field which was dedicated at the opening of the school year in 1909 was named in honor of Prof. Thomas Shaw, President of the Board of Trustees, on account of his interest and assistance in the athletics of the institution.

The college buildings with their furnishings, laboratory equipment, library, together with the campus, are conservatively valued at $345,000.

Administration.

In the administration of the college, appeal is made to the self-respect and honor of the students. They are constantly encouraged to guard well their honor and that of the institution, and to maintain a wholesome esprit de corps.

Some regulations, however, are necessary, and when students matriculate it is understood that they thereby submit themselves to the government of the college and pledge themselves to support the same while they are members of the institution. They are expected, and, by virtue of their matriculation as students of the institution, are understood to obligate themselves to act as ladies and gentlemen, to be faithful in attendance upon recitations, examinations, daily morning prayers, and Sunday morning service, and to be diligent in preparation of all tasks assigned.

Students whose influence is found to be hurtful, even though guilty of no serious breaches of order, will not be retained in the institution.

The dormitories are organized on the self-government plan under adequate faculty co-operation. A Col-

lege Council, composed of student and faculty representatives, voices student opinion and cultivates student self-control. No finer tribute can be paid Macalester's students than this—that after three years of experiment both faculty and students regard student self-government as a gratifying success.

Religious Activities.

Devotional exercises are held in the college chapel daily at 10 A. M., at which all students are required to be present. These exercises are under the direction of a regularly appointed college chaplain. All students are expected to attend public worship each Sabbath morning. Those living in the dormitories are expected to attend the Macalester Park Presbyterian Church unless excused, for good reason, to worship elsewhere. The pastor of this church is an instructor in the college and, by appointment of the board, also Student Pastor. Each fall, under his direction, a series of special evangelistic meetings are held under joint arrangement between the church and the college. In this church special classes are organized for the students in the Sunday school, and the Christian Endeavor Society is largely composed of students. The Christian Associations of the college are large and active. The Y. M. C. A. has a membership of about forty students. It holds its regular meeting every Tuesday evening with missionary and Bible study classes at regular intervals. A committee of the association is present at the college two or three days before the opening to assist the new students. The President of this Association is F. F. Carson.

The Y. W. C. A. is also large and aggressive, with similar Bible study and missionary classes. The President is Miss Effie Ellison. The Y. W. C. A. and the Hyperion Literary Society occupy a commodious and

handsomely furnished room in the Main Building. In this building also a similarly furnished room is under the joint control of the Athenaean Society and the Y. M. C. A.

Literary Societies.

Four literary societies and one debating club are in operation under the general oversight of the faculty. In the college there are the Hyperion and Eulogian societies, admitting to membership both young men and young women; the Athenaean Debating Club, for young men; the Clionian Society, for young women; and in Baldwin School, the Parthenon, open to all students.

No literary society or other student organization may be established without the consent of the faculty.

Oratorical Association.—This association seeks to promote an interest in Oratory. The interests of the college in the state association are under the control of this association. By means of a preliminary contest it selects one member to represent the college at the State oratorical contest. F. F. Carson took first place in the last local contest.

Debating Board.

This Board is composed of three representatives from the faculty; and one representative from each Literary society, and each class of the college. It has charge of all matters relative to debating. This year, two preliminary class debates were held, a senior vs. junior debate, a sophomore vs. freshman, and an intercollegiate debate against St. Olaf College. The intercollegiate team for 1911 consists of: L. W. Porter, B. W. Heed, E. E. McCabe.

Next year's team or teams will be chosen from the various debates held this year.

Prizes and Scholarships.

Through the kindness of some of its friends the college is able to announce a number of prizes as follows:

Noyes Prizes.—Mrs. D. R. Noyes of St. Paul offers one hundred dollars annually to be given in prizes as the Faculty may direct. The Faculty has apportioned the prizes as follows: To that member of the sophomore class having the highest standing in the first two years of the college course, twenty-five dollars; to that member of the junior class having the highest standing for that year, twenty-five dollars; to that member of the graduating class taking the first honors, fifty dollars. Students competing for these prizes must be without conditions.

Last year the senior prize was awarded to Mildred Gretchen Phillips, the junior to Marjory Hanson and the sophomore to Marion B. Jones.

Stringer Prize.—Through Mr. E. C. Stringer of St. Paul, the College is able to offer an annual prize of twenty-five dollars, to be given to that student of the College who, having not less than fourteen recitations a week, takes the first place in the preliminary oratorical contest mentioned above, and represents the college in the state contest. Awarded last year to R. W. Baskerville.

Mr. James Suydam, of St. Paul, offers a prize of Ten Dollars to be given to that student who does the best work in any Bible class conducted by Dr. Wallace. Awarded last year to Marie G. Smits.

Shaw Scholarship.—Given by Prof. Thomas Shaw of St. Paul, to the nominee of the Central Presbyterian Church of St. Paul, yielding $50.00 per annum.

Ministerial Scholarships.—Given by Board of Education of the Presbyterian Church to candidates for its ministry.

Silliman Scholarship.—Offered by H. B. Silliman, of Cohoes, N. Y., and yielding $50.00 per annum. Awarded this year to E. W. Johnson.

High School Scholarships.—Free tuition for the ensuing year is offered to the young man and young woman who rank highest in the graduating classes of accredited high schools and academies.

Physical Training and Athletics.

Athletics and careful physical training are encouraged, and three dollars of the registration fee for each semester are set apart for the support of athletics. Students are thereby entitled to admittance to all athletic contests and to the use of the gymnasium and skating rink. The athletic field is enclosed, and contains about five acres. There are a number of lawn tennis courts. A large skating rink has been provided in the midst of the oak grove at the south of the campus, and has been very popular. Classes in physical training are conducted for young women in the gymnasium of Wallace Hall. A trained coach for gymnasium and field sports for men is provided. The physical director is a regular member of the faculty.

Registration.

Students are required to register by the beginning of each semester. A fine of twenty-five cents a day will be levied in case of tardy registration, unless remitted by the matriculation committee for satisfactory reasons.

A student who has failed in more than half the work of the first semester, counted by hours, may not register for the second semester.

The prospective student will facilitate registration by procuring from the College an application blank on which his principal or superintendent should fill in the

student's credits. This blank should be mailed by the proper school authority to the Registrar by the first of September.

Examinations and Reports.

Examinations are held at the close of each semester. A record is kept of each student's grades, a copy of which is sent to the parent or guardian at the close of each semester. Quarterly reports are made of Baldwin School students. If these are not received the fact should be reported to the registrar.

Students who fail in term grade or in both the regular and delinquent examinations, must take the subject again in class.

For private and delinquent examinations a fee of fifty cents shall be paid for each examination to the Secretary of the Faculty, who shall thereupon issue a permit. Private examinations will be authorized by the Faculty only and for the most urgent reasons stated in writing.

Examinations for delinquents will be held on the second Monday after the first Wednesday of each semester at 2 p. m. Attendance upon these examinations is obligatory.

Degrees.

Graduates from the Classical course receive the degree of B. A.; those from the Scientific course the degree of B. S.

No student shall be entitled to graduate who shall not have been attending the College at least one year.

Teachers' Bureau.

The college maintains a reliable teachers' bureau as a means of communication between graduates and superintendents and school boards desiring competent

teachers. Graduates will not be recommended to positions for which they do not give good evidence of fitness. This service is given without charge. Those desiring to make inquiry in regard to teachers should address The Teachers' Bureau, Macalester College, St. Paul, Minn.

Publications.

The following publications are issued from the college:

The College Catalogue, which is one number of **The Macalester College Bulletin,** an eight page monthly paper devoted to the advertisement and advancement of the institution.

The Y. M. and Y. W. C. A. Handbook, a booklet full of information for new students, and a veritable vade mecum for all.

Junior Annual, a yearly publication devoted to college interests, published by the junior class of the college.

Self-Support.

Students desiring to do something towards defraying their own expenses can usually find some way of doing so. Many find work on Saturdays, in stores and other places of business, and have thus paid a large part of the expense of their board. Others have earned their board by working mornings and evenings. It is seldom that any worthy, capable student with energy and tact fails to find some means by which he may work his way through college, provided the long summer vacation is improved to increase his income.

The Y. M. C. A. employment bureau has been organized to assist students in finding work. There are opportunities in stores and offices, care of furnaces, as waiters in clubs and carriers of newspapers, and in

EXTERIOR AND INTERIOR VIEWS OF WALLACE HALL.

many other ways dependent upon the student's fitness. Valuable suggestions as to employment and the financial side of college life are gladly furnished to prospective students on application, and every effort to assist the new-comer is cheerfully made. Address all communications to Chairman Employment Committee, Macalester College, St. Paul.

Telephone.

The college may be reached by the Northwestern Telephone, Midway 486. The President's residence, Dale 2450, Wallace Hall, Midway, 535-J, Eutrophian Hall, Midway 171-J, Men's dormitory, Midway 320-J, Edward's Hall, Midway 1259.

Expenses.

Students' fees are paid at the beginning of each semester, as follows:

College	Tuition,	$16.00
	Registration fee,	7.50
Baldwin School	Tuition,	15.00
	Registration fee,	6.00

Edwards Hall (for young men)—Board, per week, average ..... $2.80 to 3.00
Room rent, per week ..... .35
Light and heat, per week, estimated..... .25

Eutrophian Hall (for young men)—Board, per week ..... $2.80 to 3.00
Room rent, per week 1.00

A monthly rental is charged the clubs for the use of dining room and kitchen.

Wallace Hall—Board, per week 3.50
Room rent, per week, including light and heat, two in a room, each ..... $1.00 to 1.50

Men's Dormitory—Room rent, with light and steam heat (inner rooms), two in a room, each ..... .75
Corner rooms, two in a room, each 1.00

Students rooming in the Men's Dormitory board at Edwards Hall, Eutrophian, Uta Ota, or in private families.

Private Families.—Board, per week.....$3.50 to $4.00
Room rent, per week..... .75 to 1.00

Extra Charges—

College.

Biology, per semester	3.00
Chemistry, per semester	5.00
Physics, per semester	2.50
Shop work, per semester	4.00
Geology, per semester	1.00
Home making, per semester	1.00
Diploma	5.00

Baldwin School.

Biology, per semester	1.50
Chemistry, per semester	5.00
Physics, per semester	1.00
Manual Training, per semester	3.00
Typewriting, per semester	.50
Diploma	2.50

Each student in the College dormitories is required to deposit $2.50 (including deposit for key) as a guarantee against damage to college property, and to make it up to that amount at the opening of each semester thereafter. From this fund are deducted (1) charges for damage for which he is personally responsible; (2) charges (pro rata) for damage done in dormitories by unknown hands. The surplus, if any, is refunded to the students at the end of the year, or when they leave the institution.

Payment of Fees.—Tuition and registration fee must be paid in advance.

No deductions are made except for sickness lasting a month or more.

Refunding Tuition.—If a student leaves the institution at any time after entrance without the approval of the faculty or because he has been suspended or dismissed no money is refunded. Those withdrawing for other reasons, on or before the middle of a semester, receive an equitable rebate on tuition paid. The registration fee, however, is not returned.

Half Rates.—Sons and daughters of ministers are charged half the usual rates of tuition. This concession is not limited to Presbyterian ministers.

All candidates for the ministry, of whatever church or denomination, receive tuition at half rates, upon the following conditions:

(1) Candidates for the Presbyterian ministry shall be under the care of Presbyteries, and shall present to the treasurer certifications to this fact from the clerks of the Presbyteries.

Candidates for the ministry of other denominations shall have their purpose to enter the ministry properly certified to by the proper ecclesiastical authorities.

(2) All such students will be held in honor bound to refund to the college treasury the amount of tuition received in the event of their abandoning their purpose to enter the ministry.

N. B.—The above concession, though made at a great sacrifice to the college, is offered cheerfully and with the purpose of enhancing, as far as possible, the usefulness of the college.

It is, however, justly expected of those who are thus helped that they will be faithful in promoting, as far as in their power, the welfare of the institution and that they will complete their course of study at this institution.

Students taking nine hours or less per week are charged half tuition and full registration fee.

Special Discount.—When more than one person from the same family attend college at the same time a discount of twenty-five per cent will be allowed on the tuition of each person after the first. This rule does not apply to those receiving half tuition.

Rooms.

(1) Furniture.—All rooms in men's dormitories are furnished with bedsteads (two-thirds size), mattresses, dresser, stand, bowl and pitcher, study-table, book-shelves and three chairs. Students in the dormitories must provide their own bed clothing, towels, napkins, and carpets or rugs. In Wallace Hall there are single iron beds, mattresses, pillows, dresser, study-table, two rockers, two study chairs, a lavatory with hot and cold water, steam heat and electricity. Floors are of hard wood.

(2) Application.—Application for room in the dormitories should be made as early as convenient to the President, enclosing $1.00, which will be applied on room rent. Applicants should state in which hall they desire a room. Rooms will not be held later than the opening of the term unless the room rent is advanced for the period of delay. In case applicants fail to come, the money advanced will not be returned. Rooms will be assigned in the order of application.

(3) Payment of Room Rent.—Room rent in the dormitories is payable monthly in advance.

No deduction is made for vacations during school year. Students are charged for their rooms till they are formally vacated—whether continuously occupied or not—and keys surrendered.

COLLEGE OF LIBERAL ARTS.

Courses of Study.

The College of Liberal Arts embraces the following general courses:

1. The Classical Course, leading to the degree of B. A.

2. The Scientific Course, leading to the degree of B. S.

On entrance, the student makes choice of one of the above courses. Thereafter deviation from the course chosen must be with the approval of the faculty upon written application, stating reasons.

A total of 126 hours is required for graduation.

The following courses are required for both the B. A. and the B. S. degree:

(1) 16 semester hours of subjects listed under Bible training department, Greek, 9 and Philosophy 3. At least one hour per week must be taken throughout the course.

(2) 6 semester hours of English 1.

(3) 4 semester hours of Expression 1.

(4) 8 semester hours of Social and Political Science 1, 3.

(5) 12 semester hours of Philosophy 1, 2, 3.

In the Classical Course, the following subjects in addition, are required for graduation:

(1) Latin, five years, four of which may be taken in high school or academy.

(2) Greek, German or French, four years, two of which may be taken in high school or academy.

In the Scientific Course in addition to the general requirements, the following are necessary to graduation:

(1) Eight semester hours, Mathematics 1 and 2, based upon one and one-half years each of algebra and geometry.

(2) Science, five years, selected from the following: Astronomy, Biology, Chemistry, Geology, Shop Work, Mathematics other than 1 and 2, Physics. In one of these subjects a two years' course must be taken.

For information on courses offered, see the Particular Description.

The College does not hold itself bound for instruction in any elective course for which fewer than five students make request to the Registrar.

Preparation for the Study of Medicine.—The work in Biology and in Chemistry (three and seven and a half years in the laboratory respectively) furnishes rare preparation for those who intend to study medicine.

Preparation for the Study of Law.—The required and elective studies in Political Economy and Social Science and the electives in Forensic Oratory and Constitutional History offer an admirable course to those who are preparing for law. Students, who, while pursuing certain studies in college, wish also to take up the study of law, find excellent opportunity of doing so in connection with the St. Paul Law School, which gives all its lectures in the evening in the City Hall, but twenty-five minutes' ride from the college.

Preparation for Teaching.—Attention is called to the courses in Education open to students who intend to teach. The College seeks especially to meet the needs of such. The courses in Psychology and Philosophy are thorough and extensive and relate themselves closely to Education. It is expected to supplement the class-room work with lectures by teachers of large experience. A course is now offered in laboratory shop work. This course affords those who are intending to teach science an excellent opportunity for practical experience and preparation.

Preparation for the Christian Ministry.—The Bible training department and the electives in Greek Testa-

ment, Ethics and History offer a course unusually well adapted to those who have the gospel ministry in view. Those, too, who are preparing to be missionary teachers will find in the wide range of Bible study pursued in the college an indispensable and very attractive adjunct to their course.

Senior Electives for Medical Students.—Students intending to study medicine, who are obliged to shorten their course in preparation, may in the following manner save one year while still obtaining their degrees. After completing three years of the college course and being enrolled for the fourth year, they may take the first year of the medical course in any medical school approved by the faculty, in place of the work of the senior year. This will be permitted subject to the following conditions: first, the required studies of the college must be completed in every case; secondly, a certificate must be presented from the medical school, showing the successful completion of the work of the first year in that school.

Partial Courses.—Students who are not looking forward to a degree may be admitted to select courses for which they have sufficient preparation.

Admission from High Schools and Academies.—Students from accredited four-year high schools and academies are admitted to the freshman class without condition, provided that credits to the amount of fifteen units are presented. By a unit is understood four or five recitation hours of not less than forty minutes each, carried for a year of thirty-six weeks. Students from unaccredited high schools and academies have their credits evaluated by the Dean and the heads of departments. Students coming with excess units, for which they desire credit on their college work are referred to the heads of departments for the evaluation of the excess work. In no

case is more than half time allowed for such courses.

Applicants for admission to the freshman class should apply to the Registrar for the Applicant's Admission Blank, which should be taken to the principal of the high school or academy in which their courses were taken, and by him officially filled out and mailed to the Registrar. Students should not bring this blank with them, but have it filled out and sent on at any time in the summer. Compliance with this rule prevents delays and greatly facilitates registration.

Students submitting fewer than 15 units may make up their deficiencies in Baldwin School. Unconditioned freshmen, who may lack certain preparatory studies necessary for the courses they wish to pursue may take these studies in Baldwin School without extra charge for tuition. A five hour course so taken counts for four hours on the college course. Students intending to take the B. A. degree are advised to present not fewer than 10 units in following subjects:

English 3.
Latin 4.
Algebra 1½.
Geometry 1½.

Also of the following enough to aggregate 5 units:

History 1 or 2.
German 1 or 2.
Greek 1 or 2.
French 1 or 2.
Chemistry 1.
Botany ½ or 1.
Physics 1.
Civics ½.
Physiology ½ or 1.
Zoology ½ or 1.
Physical Geography ½ or 1.
Manual Training ½ or 1.

Those wishing to take the B. S. degree are advised to present not fewer than 9 units in the following subjects:

Mathematics 3.
English 4.
German 2.
Physics or Chemistry 1.

Also of the following enough to aggregate 6 units:

Botany ½ or 1.
History ½, 1 or 1½.
Zoology ½.
French 1 or 2.
Manual Training ½.
Physiology ½.
Greek 1 or 2.
Physical Geography ½ or 1.
German 1 or 2.
Civics ½.

Students who are preparing to enter Macalester College and wish more definite suggestion respecting the course of preparatory study they should follow, will find a course similar to the following well suited to their needs:

For the B. A. degree.	For the B. S. degree.
Composition and Rhetoric 2 units.	Composition and Rhetoric 2 units.
Literature 2 units.	Literature 2 units.
Algebra 1 or 1½ units.	Algebra 1½ units.
Geometry 1 or 1½ units.	Geometry 1½ units.
Latin 4 units.	Latin 2 units.
Greek or German 2 units.	German 2 units.
History and Civics 2 units.	History and Civics 2 units.
Natural Science 2 units.	Natural Science 2 or 3 units.

Candidates for Advanced Standing.—Students coming from reputable institutions of collegiate grade should present letters of dismissal and are then given standing in Macalester College allowing a fair equivalent on the course here for work done elsewhere.

Particular Description.

BIBLE TRAINING DEPARTMENT.

On the John C. Martin Foundation.

Professors Wallace, Davis, McRae and Anderson.

This department has two objects: First, to provide a well graded course of instruction in the Bible for all the students of the various classes. This emphasis on the study of the Bible is justified on the ground that it contains the message of Him who spoke the words of eternal life, who was himself the way, the truth and the life, because of its pure and lofty ethics, its social teachings, its unequaled literature, its influence on our own literature and law, and the value of its history. Second, to offer a substantial course of religious instruction for young men and women who wish to prepare themselves for some form of christian activity as lay-workers. The church is entering on the era of the laity. Christianity is girding itself for the conquest of the world. Her call for workers is louder and more engaging than ever before. Her field is ripe for lay-workers of every kind, for missionaries and missionary teachers, for mission helpers, charity workers, pastors' assistants, secretaries in the Young Men's and Young Women's Associations, Bible readers, colporteurs and the like. To these classes of lay-workers the theological seminaries are not open. Besides, a training in the knowledge and use of the Bible is best secured in connection with the regular courses of study offered by the college, since to special students of this department is available instruction in other necessary branches such as general literature, elocution, music, etc.

The courses in this department embrace the following:

1. The Life of Christ.—This is studied by means of a harmony of the gospels. By way of introduction, attention is directed to the political and religious condition of the time and to the characteristics and view point of the gospel writers. By discriminating discussion of the teachings of Christ and a realistic presentation of the facts and incidents of his life an effort is made to deepen personal faith in Christ as the Savior of men and to bring the student into appreciation of Jesus as the master teacher of all time. Required, freshman, one hour a week.

2. The Missionary Labors of the Apostles.—These studies are based on the Acts of the Apostles and in part on the New Testament Epistles. The external and internal growth of the early church is carefully traced and the whole movement is viewed as a continuance of the work of Christ through the agency of the Holy Spirit and of His inspired apostles. Required, sophomore, one hour a week.

3. Prophets of Israel.—This course consists of a thorough study of the prophets; their place in the community, their functions and their messages. It is pursued inductively from the Bible text with the object of acquainting the student as fully as possible with the foreshadowings of the Christ. All the Messianic passages are carefully analyzed with reference to their historical background and in the order of their development. One year, two hours a week.

4. The Literary Study of the Bible.—This course includes a careful study of the Bible, viewed as literature. The rhetorical characteristics of the Hebrew language and the various literary forms of the Bible are closely examined. This done, various parts of the Bible best illustrating these forms and characteristics are

critically studied and drawn out in their proper literary form. As sound literary criticism is based on a thorough study of the thought and thought-connections, the literary study of the Bible proves in practice a very valuable aid to interpretation. It is for this reason, especially, that it is included in the course. The text book used as a basis is Moulton's Literary Study of the Bible and special study is made of the book of Job, certain of the Psalms and selections from the prophets. Prerequisite, courses 1 and 2. Two semesters, two hours a week.

5. The Social Teachings of the Bible.—This course includes a survey of the social teachings of Christ, the apostles, the prophets and the Mosaic code. The object is to form a just estimate of the social message of the Bible and to apply, as far as may be, its social principles to the solution of current social problems. It is based mainly on Josiah Strong's Studies in Social Christianity, supplemented by wide collateral reading in the works of Raushenbush, Peabody, Mathews, Schench, Brace, Keble (collection of lectures) and other works that seek to interpret and apply the social message of Christianity. Prerequisite, courses 1 and 2. One year, two hours a week.

6. Inter-Testament History.—This course is intended (1) to trace the history of the Jews from Malachi to John the Baptist under the Persians, Greeks, Maccabees and Romans; (2) to trace the rise of the various Jewish sects. A knowledge of the outward political fortunes of the Jews, as well as the movement of Jewish thought in this period is of great importance for an intelligent understanding of the ministry of Christ and His apostles. Prerequisite, courses 1 and 2. First semester, two hours a week.

7. Oriental History contemporary with the Old Testament.—This course includes (1) a study of the

history and religion of Babylonia, Assyria and Egypt; (2) the relation of this material to the explication of Old Testament history. The course is based on the histories of Winckler, Rogers, McCurdy and others. Prerequisite, courses 1 and 2. Second semester, two hours a week on alternate years.

8. Biblical Pedagogy.—This course includes: (1) a study of Jesus as a teacher—a careful consideration of the question what made Him the Master Teacher of all time—His mastery of the technique of educational methods as illustrated in the four Gospels; (2) methods of Bible study, teaching and of Sunday school work; (3) the influence of Christianity on the world's education. It is based mainly on the Master and His method (Griffith-Jones), Jesus as a Teacher (Hinsdale), The Making of the Teacher (Brumbaugh), Teacher Training with the Master Teacher (Beardslie), supplemented by lectures. One semester, two hours a week.

9. Review of Old Testament History.—This is offered to college students who have had little or no opportunity of pursuing a consecutive study of Old Testament history before entering college. The object is to make a somewhat hasty review of Hebrew history from the conquest of Palestine under Joshua, down to the fall of Jerusalem or a more careful study of such parts of this history as the class may prefer to pursue. One semester, two hours a week.

10. Hebrew.—The object of this course is to prepare students for advanced work in this subject as soon as they enter the seminary. The work embraces a thorough study of Genesis 1-8, including the grammatical principles of the language, acquisition of a good vocabulary, translation of English into Hebrew. One year, three hours a week.

11. Advanced Hebrew.—In the second year a critical study is made of one or more minor prophets in-

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cluding text, grammar, exegesis and history. Prerequisite, course 10. One year, two hours a week.

12. Apologetics.—This course aims chiefly at three things.

First, a brief exposition of Christian theism and an exhibition of its superiority in philosophy and in practice to the various opposing theories; deism, pantheism, materialism and agnosticism.

Second, a summary of the argument for historical Christianity and an examination of criticisms and objections, especially those of our own day.

Third, a rapid survey of the field of comparative religions with special reference to Hinduism, Buddhism, Zoroastrianism and Confucianism. First semester, three hours a week.

13. The Philosophy of Religion.—This course is supplementary to the course in apologetics. It aims to exhibit and defend a philosophic conception in harmony with the Christian religion. Prerequisite, course 12. Second semester, three hours a week.

For other studies embraced in the Bible Training Department see:

Greek Testament, under Greek.

Ethics, under Mental Sciences and Philosophy.

The Reformation Period, under History.

Old and New Testament Biography and History, in Baldwin School.

BIOLOGY.

A large part of the second floor of the Carnegie Science Hall is devoted to Biology. The main laboratory is at the north end of the building and accommodates thirty students at a time. In the courses offered, each student is furnished a microscope, necessary apparatus and suitable material and is encouraged to do original investigation with suggestions from laboratory directions as an aid. The object of the methods used is to cultivate the powers of observation and

deduction, as well as to give the student a thorough knowledge of structure, comparative anatomy, comparative physiology and present day views as to biological problems.

The research laboratory is equipped with a large electrical oven, a rotary and sliding microtome for cutting sections and the more common reagents and stains for histological work. A very fine microscope with a mechanical stage and oil immersion lens is available for demonstrations. The prepared slides are being made as fast as good material and time will permit.

In the stockroom models of different structures and illustrative material assist in the presentation of the work. An advanced laboratory contains a large aquarium together with other equipment for the work.

1. **Botany.**—A course in comparative botany, beginning with the lowest forms and finishing with a brief study of the flowering plants, together with a short course in practical field work. One year, four hours a week.

2. **Zoology.**—A study of comparative zoology, from the protozoa through the vertebrata. Laboratory work includes a study of typical forms of each class. One year, four hours a week. Not offered in 1911-12.

3. **Physiology.**—General physiology, including a brief study of anatomy, physiology, and hygiene with particular reference to the human body. Lectures, text and laboratory work. Prerequisite, course 2 or equivalent. One year, three hours a week.

CHEMISTRY.

The department of chemistry occupies the third floor of Carnegie Science Hall. The large south room is used for general chemistry and qualitative analysis.

In the north end are two rooms; one is for organic chemistry and quantitative analysis and the other is a lecture room. The balance room is equipped with five good analytical balances and two others for coarser weighing. A combustion room has the necessary furnaces for combustion work. The research laboratory is used for special work with spectroscope, polariscope, refractrometer, etc. The chemical library is kept in the office. The apparatus and chemicals necessary for thorough work in the courses offered are furnished. The laboratories are equipped with hoods, supply tables and cabinets, and desks with water and gas at every desk. Special attention is given to a scientific method of observation and interpretation of results. Each student is required to make a complete and systematic record of all his investigations.

1. General Inorganic Chemistry.—The course includes a thorough study of the principal elements and their compounds, their occurrence in nature, preparation in the laboratory, etc.; also an introduction to the study of qualitative analysis. One year, six hours a week, four hours credit.

2. Advanced Inorganic Chemistry.—This is a continuation of course 1, with an introduction to physical chemistry. Prerequisite, course 1. One year, five hours a week, three hours credit.

3. Qualitative Analysis.—Lecture and laboratory work, including the detection and separation of the metals and the identification of the acids. The last few weeks of the year are spent in the analysis of specimens of rock and earth. Instead of this, the student may make a study of materials used as paint pigments and the methods used in paint analysis. Prerequisite, course 1. One year, five hours a week, three hours credit, or second semester, eleven hours a week, six hours credit.

4. Quantitative Analysis.—Lecture and laboratory work. This includes an introduction to the gravimetric and volumetric analysis and a study of the methods of determination of atomic weights. Prerequisite, courses 1 and 3. One year, five or seven hours a week, three or four hours credit.

5. Organic Chemistry.—A course of lectures on organic chemistry, including a study of the aliphatic and aromatic compounds. The chemistry of foods, oils, explosives, etc., is considered. Some of the important compounds are prepared before the class. A laboratory fee of one dollar is charged, except when course 6 is also taken. Prerequisite, course 1. One year, two hours a week.

6. Laboratory Course in Organic Chemistry.—To be taken with or upon completion of course 5. Organic compounds are prepared and studied. Quantitative results are expected. This course should be taken with course 5, when possible. One year, four hours a week, two hours credit.

7. Advanced Organic Chemistry and Qualitative Organic Analysis.—This course is a continuation of courses 5 and 6. The detection of common food adulterants will receive attention. Prerequisite, courses 1, 2, 3, 5 and 6. One year, five hours a week, three hours credit.

8. Food Analysis.—Milk and butter analysis receive special attention. Prerequisite, courses 1, 3 and 4. One year, four hours a week, two hours credit, or one semester, eight hours a week, four hours credit.

9. Water Analysis.—Prerequisite, courses 1, 3 and 4. One semester, five hours a week, three hours credit.

10. Teachers' Course.—This course is designed for those who intend to teach chemistry. They are given practical work in the laboratories, instructing students

beginning chemistry, preparing solutions, etc. A course of lectures is given on the teaching of chemistry. Prerequisite, courses 1 and 3. Two or four hours a week, one or two hours credit. No fee is charged.

Other courses, assaying, gas analysis, iron ore, etc., will be offered in the near future.

EDUCATION.

1. The History of Education.—A view of the history of education by means of lectures, readings, class discussions and papers. It is intended that the course should have a high cultural value through the survey which it furnishes of a most important aspect of human thought and progress. The course includes the following: education among the ancient oriental nations, among the Greeks, the Romans, early Christians; schools in the Middle Ages, and finally the various movements of modern times. The theories of philosophers and reformers, as well as the actual practice of the peoples, are studied. Monroe's History of Education will be the basis for the work. Prerequisite, 32 credits. First semester, three hours a week.

2. Education in the United States.—This course consists of three parts: (1) a history of educational development in this country, elementary and higher, public and private; (2) a study of our educational systems and institutions as seen at the present time; (3), as throwing light on the significance of the preceding, a survey of the foreign systems of our own time, especially those of Germany, France and Great Britain. Prerequisite, course 1. Second semester, three hours a week.

3. The Theory of Education.—This course consists of three parts, as follows:

(a) The Principles of Education. A study of the nature of education, its objects and purposes, its means

and methods. Horne's Philosophy of Education is the basis of work.

(b) School Organization and Management. This is an important course to any who are looking forward to the profession of teaching. Chancellor's Our Schools: Their Administration and Supervision, and Brown's The American High School are read. Lectures and papers supplement the above, especially in dealing with the problems of school management.

(c) The Growing Child: a brief study, including both the body and the mind. Tyler's Growth and Education will be used as a guide. Supplementary lectures will deal with the facts of educational psychology more fully.

(d) The Art of Teaching. A study of the immediate aims of the teacher; of the devices and methods made use of by teachers in the work of teaching, with a critical estimate of their value. De Garmo's Principles of Secondary Education will be read critically, with McMurry's Method of the Recitation and other works for constant reference. Members of the class will be expected to visit schools and make written reports on their observations. Opportunities for practice work will be offered in Baldwin School to members of the class, under the supervision of the regular instructor and of the teacher in Education.

(e) In addition to the above, there will be given in the course of the year a series of lectures on the Sunday-school: its history, function, organization and the methods of work. While this part of the course will be brief, probably not more than six lectures, it is believed that it will give a valuable insight into an important branch of the educational and the Christian work of our day. Prerequisite, 64 credits. One year, three hours a week.

4. **A Critical Reading Course.**—This course proposes a reading and discussion in some of the more im-

portant educational writers of ancient and modern times. The authors suggested for reading next year are Aristotle, Quintilian, Rousseau and Herbart. Prerequisite, courses 1 and 2, or 3. One year, two hours a week.

For additional courses see Mental Sciences and Philosophy courses, 1, 2, 3 and 4; Latin, 7; German, 17; Shop Work, 2.

ENGLISH.

1. Rhetoric.—The course in rhetoric is intended to cultivate the taste and to develop the critical power of the student; to train him in accurate observation and thinking and to the use of clear, forcible and elegant English. It includes the following: Theory and practice in the making of abstracts and plans, especially in exposition and argumentation; constructive studies in characterization, the short story, the essay, the ballad and the sonnet. Throughout the course emphasis is laid on practice rather than theory with a view to prepare the student for practical journalistic work. Freshman year, three hours a week; required.

2. Anglo-Saxon and Middle English.—Study of grammatical forms; reading of Sweet's Anglo-Saxon Primer and other selections; Sweet's First Middle English Primer; complete text of Chaucer. Prerequisite, course 1. First semester, four hours a week.

3. American Literature.—Readings, studies and themes, under the direction of the professor, in the lives and masterpieces of our great writers. Prerequisite, course 1. Second semester, four hours a week.

4. English Literature.—The aim of the course is to emphasize the main facts in the development of the literature. Spenser, Shakespeare and Milton are extensively read and discussed. Prerequisite, course 1. One year, three hours a week.

5. Criticism.—A study of the principles governing literary composition. Prerequisite, courses 1 and 4. First semester, three hours a week.

6. Modern English Poets.—(1) From Milton to Tennyson.—A critical study of short selections. Each representative poet is studied in relation to his personal environment and the intellectual condition of his age. (2) A Study of Browning. Prerequisite, courses 1 and 4. Second semester, four hours a week.

7. Argumentation.—This course aims to teach sound methods of thinking and clear, convincing expression in a study of the many public problems of interest. A careful study is made of analysis, brief-drawing, proof, forms of arguments, fallacies, refutation, and formal debates. The fundamental principles of argumentation are thoroughly mastered by a study of the text: Wm. Trufant Foster's Argumentation and Debating. This is supplemented by actual practice in analyzing specimens of arguments, by construction of briefs, by argumentative writing and by formal debate. Prerequisite, course 1. One year, two hours a week.

EXPRESSION.

1. Elocution and Voice Training.—(1) Theory. The principles underlying the art of expression and literary interpretation.

(2) Practice. Deep breathing—correction of voice faults and mannerisms—factors of expression—analysis and interpretation of the classics—reading and speaking. One year, three hours a week, two hours credit.

2. Action.—Sir Chas. Bell's Anatomy and Philosophy of Emotions. Physical presentations of emotions including facial expression, gestures and atti-

tudes. Platform work and original presentations. Prerequisite, course 1. One year, three hours a week.

3. Shakespeare and Modern Drama.—Dramatic interpretation. Prerequisite, courses 1 and 2. One year, two hours a week.

FRENCH.

The object of this course of study is to give pupils a good general, practical knowledge of the language so that they may be able to converse in French and have a good appreciation of the literature.

1. Elementary French.—In the first year the aim is to give a thorough grounding and drilling in grammar—with exercises in translation, conversation and pronunciation. In the second semester the reading of some easy work in prose is begun. Books used—Fraser and Squair's French Grammar, L'Abbe Constantin, by Halevy. One year, four hours a week.

2. Prose Reading.—This course is composed largely of readings in prose works by modern authors, with a light review of the author and his works, as each work is taken up. Composition and conversation are also part of the work. Books—Works of Gréville, Daudet and others—Francois—Introductory French Prose Composition. Prerequisite, course 1. One year, three hours a week.

3. French Classics.—This year includes the reading of modern authors and the classics; composition and syntax. Works of Hugo, Corneille, Moliere, Racine. Prerequisite, course 2. One year, three hours a week.

4. History of French Literature.—The fourth year is given to the history of French literature with readings from many authors and conversation and composition. Prerequisite, course 3. One year, three hours a week.

GEOLOGY.

The library contains valuable reference works, including the state geological reports of Minnesota. There is a good collection of specimens, to which additions are made each year.

A general course in structural, dynamic and historical geology, also a brief course in mineralogy and crystalography. Lectures, laboratory and field work. One year, three hours a week.

GERMAN.

In the German courses as much time as possible will be given to conversation, but the main purpose is to gather from the rich treasures of literature. Students are invited to help select suitable courses. Instruction will be given at one time in as many courses as the teaching force will permit.

1. **First Year.**—Grammar, reading, writing and speaking of German. One year, four hours a week.

2. **Second Year.**—Review of grammar and reading of various prose selections from modern authors. Conversation. One year, four hours a week.

3. **Third Year.**—Selected readings in modern or easy classical prose and poetry. One year, four hours a week.

4. **Historical German.**—The authors to be studied are Schiller and Freytag. One semester, three hours a week.

5. **The Modern Novel.**—The readings will be from Scheffel, Freytag or other suitable authors. One semester, three hours a week.

6. **Epic Poetry.**—The works here considered are from Gottsched, Herder, Goethe and Scheffel. One semester, two hours a week.

7. Modern German Plays.—Plays from Kleist, Freytag, Wildenbruch, Hauptmann and others. One semester, two hours a week.

8. Goethe's Wilhelm Meister.—One semester, two hours a week.

9. Heine's Prose and Poetry.—One semester, two hours a week.

10. Goethe's Period of Classical Sympathies.—One semester, two hours a week.

11. Grillparzer's Work.—One semester, two hours a week.

12. Schiller's Works.—One semester, two hours a week.

13. Lessing's Works.—One semester, two hours a week.

14. The Romantic School.—Selected authors. One semester, two hours a week.

15. Goethe's Faust, Part 1.—Including a study of the Faust legend and literature. One semester, two hours a week.

16. Goethe's Faust, Part II.—This course presupposes Faust, Part 1. One semester, two hours a week.

17. Teachers' Course.—Grammar, composition, a sketch of the history of the German language, methods of teaching German. One semester, three hours a week.

18. A Brief History of German Literature.—Collateral reading of German. One semester, three hours a week.

19. Middle High German.—Grammar and readings from Middle High German literature. One semester, two hours a week.

GREEK.

The general aim in this department is to learn to read Greek readily, to become acquainted with the

Greek people as revealed in their great creations in history, oratory, philosophy, poetry and art and to arrive at a just estimate of the contribution of the Hellenic race to human progress.

Courses 1, 2, 3 and 4 constitute the required subjects in this department.

1. Lucian.—The Charon or Timon and selected short dialogues. Literary and social conditions of the age. First semester, four hours a week.

1a. Xenophon.—Hellenica, Books I and II, with discussion of the earlier stages of the Peloponnesian war. A substitute for course 1, at the option of the professor. First semester, four hours a week.

2. Herodotus.—Stories and selections from Book VII. Careful consideration of accidence and syntax of the Ionic dialect. Second semester, four hours a week.

2a. The Iliad. Books I-III. Literary and grammatical study. The Trojan legends. Introduction to the Homeric question. A substitute for Course 2, at the option of the professor. Second semester, four hours a week.

3. Athenian Orators.—Selected orations of Lysias and Demosthenes. Theme work on Isaeus, Isocrates and others. Athenian legal procedure. Prerequisite, courses 1 and 2. First semester, three hours a week.

4. Plato.—The Apology and Crito. Socrates and his teachings with readings from Xenophon's Memorabilia. Survey of Greek philosophy. Prerequisite, courses 1 and 2. Second semester, three hours a week.

5. The Drama.—Selected plays of Aeschylus or Euripides and Aristophanes. Rise and development of tragedy and comedy. The Greek theatre and production of plays. Prerequisite, courses 1, 2, 3 and 4. First semester, four hours a week.

6. English Course in Greek Literature.—Studies in the elegiac, lyric and dramatic poets of Greece, for students having no knowledge of Greek. Prerequisite, 52 credits. First semester, two hours a week.

7. The Odyssey.—Selections from Books I-XII. Sight reading. Literary study of the whole poem from the English translations of Palmer and of Butcher and Lang. Prerequisite, courses 1, 2, 3 and 4. Second semester, three hours a week.

8. Lyric Poetry.—Selections from the elegiac and lyric poets. Prerequisite, courses 1, 2, 3 and 4. Second semester, two hours a week.

9. The Greek Testament.—This course is intended not only for candidates for the ministry but for any who have studied classical Greek and who wish to acquire a reading knowledge of the New Testament in the original Greek. The aim is to master a good working vocabulary, the main characteristics of New Testament Greek and to get some practice in Greek exegesis. The work is based mainly on the Acts of the Apostles and some of Paul's Letters. Prerequisite, 52 credits. One year, two hours a week.

Students who have pursued the study of German or French to the end of the sophomore year may take as an elective the Greek of Baldwin School (Lessons and Anabasis).

HISTORY.

1. European History.—From 31 B. C., to the close of the fifteenth century. Text-books: Emerton's Introduction to the Middle Ages, Emerton's Mediaeval Europe, Henderson's, Ogg's and Robinson's Mediaeval Documents. Lectures, collateral reading and quizzes. One year, four hours a week. Not given 1911-1912.

2. English History.—An outline course of the political and constitutional history of England. Text-book:

White's The Making of the English Constitution. Lectures, collateral reading, study of sources and topical assignments. One year, three hours a week.

3. **The Reformation Period.**—The protestant revolt and Europe to the Peace of Westphalia. Text-book: Haeuser's Reformation Period. Collateral reading, select documents, lectures and quizzes. Second semester, three hours a week. Not given 1911-1912.

4. **Modern Europe.**—The French revolution and Europe in the nineteenth century. Text-books, study of documents and special topics, lectures. One year, three hours a week.

5. **United States History.**—From the American Revolution to 1829. Textbook, collateral reading, MacDonald's Documents, lectures, topical work and quizzes. First semester, three hours a week. Not given 1911-1912.

6. **United States History.**—From 1829 to the present time. Conducted the same as Course 5. Second semester, three hours a week. Not given 1911-1912.

7. **American History.**—From 1607 to the present time with particular emphasis on the development of the west. Conducted as courses 2 and 4. One year, three hours a week.

HOME MAKING.

The aim of these courses is to start the student in the right way to become mistress of the business of home making.

1. **The Home.**—Evolution of the modern home from primitive conditions. Its object. Selection of site with regard to climate, soil, drainage and neighborhood. Location of house with regard to exposure and distribution of light. Elementary study of architecture in connection with planning a house and plans that meet

the requirements, comfort and convenience of the family for which the house is intended. Lectures, problems and recitations. First semester, two hours a week.

2. Domestic Hygiene.—The health and happiness of the home are built upon cleanliness. Systems and methods of ventilation, heating and lighting. Water and water tests of the household and plumbing. Care of the house and household belongings. Prerequisite, course 1. Second semester, two hours a week.

3. Household Art.—The furnishing of the house from the standpoint of good taste and economy. Simplicity in furnishing means economy in labor. Value of form, design and material in furniture. Textiles. The study of cotton, linen, flax and wool and the manufacture of each. Color schemes and designs in papering, hangings and rugs. First semester, two hours a week.

4. Social Culture.—Family life ought to be the highest expression of good society. Study of forms and customs which should be known and observed in community life. The meaning and value of true hospitality. Second semester, two hours a week.

LATIN.

1. Freshman.—Livy, selections from books I., XXI., and XXII.; Cicero de Senectute; Terence. In this course the aim is to fix the student's knowledge of grammatical forms and syntax and by constant drill and prose composition to familiarize him thoroughly with fundamental principles and enlarge his vocabulary. Prerequisite, four years work in Latin equivalent to the course in Baldwin School. One year, four hours a week.

2. Sophomore.—Pliny's Letters; odes, satires and epistles of Horace; Germania or Agricola of Tacitus, a

tragedy and a comedy. This course offers a wider range of reading than is found in the more intensive advanced courses, 3-7. A thorough knowledge of forms and syntax is presupposed. More time is spent on literary content and style. In connection with the works of Horace a thorough study is made of his life, literary art and prosody. Throughout the course are noted the conditions in the Roman literary world and the various phases of life and politics under the Empire. Prerequisite, course 1 or its equivalent. One year, three hours a week.

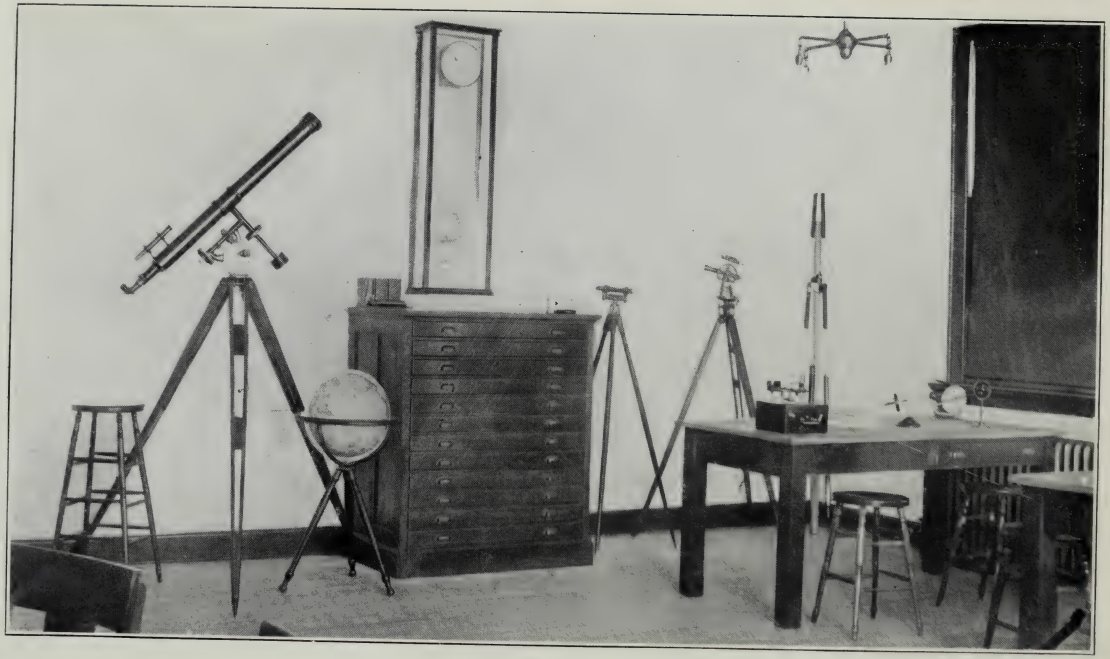
3. **The Latin Drama.**—(a) Plautus, (b) Terence, (c) The Senecan Tragedies. A study of representative plays with lectures and topical work on the sources and treatment of material, the social conditions illustrated, the theatre, actors and spectators. One year, two hours a week.

4. **Ethics.**—(a) Lucretius and Epicurean philosophy; (b) Seneca,—Stoicism. This course consists of the reading and interpretation of the text of Lucretius with a study of his philosophy and its sources; also the dialogues of Seneca with a study of Stoicism in Rome. One year, three hours a week.

5. **The Silver Age.**—Examination of the language, character of thought, social and political conditions. Private life of the Romans. (a) Annals of Tacitus; (b) Juvenal. One year, three hours a week.

6. **Grammar and Composition.**—A course in advanced composition and a study of prose style and of grammatical rules and principles. One year, two hours a week.

7. **Teachers' Course.**—This course is designed to fit students to teach the Latin of the Secondary schools, impart to them a thorough knowledge of the grammar of the language, to familiarize them with the



CORNER OF THE ASTRONOMICAL ROOM.
CARNEGIE SCIENCE HALL.

history and life of the Roman Empire and to secure by practice the ability to give idiomatic translations of Latin authors. Students in this course are required to teach classes in Baldwin school occasionally under instructor's supervision.

In the first semester a systematic review of Latin grammar and prose composition supplemented by lectures on Latin style, selections from books I.-V. of Gallic War are translated. In the second semester three or four orations of Cicero and two books of the Aeneid form the basis of translation. Study of the history of Roman eloquence and lectures on Roman civil and political institutions supplement class work. A study of the quantitative method of reading Latin verse will be given emphasis. One year, three hours a week.

Prerequisite for courses 3-7, courses 1 and 2 or course 1 completed with a grade of 90.

MATHEMATICS AND ASTRONOMY.

1. Higher Algebra.—Graphic representation of a function, ratio and proportion, variation, theory of quadratics, progressions, series, etc. First semester, four hours a week.

2. Trigonometry and Analytic Geometry.—An attempt is made to give the student a clear understanding of trigonometric functions, development of formulae and their application to the solution of problems, plane and spherical. This is followed by a brief course in analytic geometry, sufficient for elementary courses in physics and astronomy. Second semester, four hours a week.

3. Analytic Geometry.—This is a continuation of course 2. Equations of straight lines, and the principal curves and their tangents are discussed by both rectilinear and polar co-ordinates. Prerequisite, course 2. First semester, three hours a week.

4. **Differential and Integral Calculus.**—A brief study of the principles of differential calculus based on theory of limits, followed by a short course in integral calculus. Prerequisite, course 3. Second semester, four hours a week.

5. **Advanced Calculus.**—Continuation of course 4. One year, three hours a week.

6. **Surveying.**—Prerequisite, course 2. Second semester, three hours a week.

7. **Advanced Algebra.**—Intended especially for those preparing to teach. Prerequisite, course 1. One year, three hours a week.

8. **Astronomy.**—Text-book, lectures and practical work with sextant, transit and clock. Prerequisite, course 2. One year, three hours a week.

THE MENTAL SCIENCES AND PHILOSOPHY.

1. **Logic and Scientific Method.**—This course comprises a study of logic, deductive and inductive, of fallacies, logical theories and of scientific method. Abundant exercise is given in order to fix facts and principles and to cultivate keenness in analysis and discrimination. Required, four hours a week, first fourteen weeks of the junior year.

2. **Psychology.**—This course aims at a comprehensive view of the most important divisions of the science. Because of the value of psychology as a factor both in science and culture and because of its fundamental importance with reference to the other studies included in this department and to education, the course is made as strong as possible. It opens with a brief course in experimental psychology to awaken interest and cultivate observation. This is followed by a general course, with James's Briefer Course as basis. Instruction is by means of recitation, experiment, lectures and class

discussions. Required, four hours a week through last twenty-two weeks of the junior year.

3. Ethics.—Ethics is placed near the end of the course in order that the philosophic aspects of the subject may be the better appreciated. The ethical facts are studied as they appear in life; then the theories of ethics are taken up for the purpose of obtaining a philosophical basis; and finally practical questions are handled by means of lectures and discussions. Required, second semester, three hours a week.

4. The History of Philosophy, Ancient, Mediaeval and Modern.—This course reviews the course of thought in philosophy from the time of the early Greek philosophers down. It aims to trace the development of philosophic conceptions and systems and their connection, and to point out their connection with the life of the times in which they arose. Special attention is given in Greek philosophy to Plato and Aristotle and in modern philosophy to Kant. The course requires readings by the students in a number of the more important thinkers. Open to seniors and juniors, the first twenty-four weeks of the year, three hours a week.

5. Introduction to Philosophy.—Following the course in the history of philosophy, the course in introduction to philosophy places before the student a systematic view of the divisions of philosophy and of its problems, including that of method. It aims not only to clarify the views of the student, but also to develop some defensible convictions. Open to all who have completed Course 4; the last twelve weeks of the year, three hours a week.

6. A Course of Readings in Philosophy.—This course aims to introduce the student at first hand to the complete text of some of the more important works, by a critical reading. For this course the following are open to choice: (1) Greek philosophy, Plato and

Aristotle; (2) Kant, chiefly devoted to the Critique of Pure Reason; (3) English philosophy, Locke and Hume; (4) American philosophers, James's Pragmatism and The Pluralistic Universe and Ormond's Concepts of Philosophy, with other works so far as time permits. Open to students who have completed course 5, and others, on approval of the teacher. One year, three hours a week.

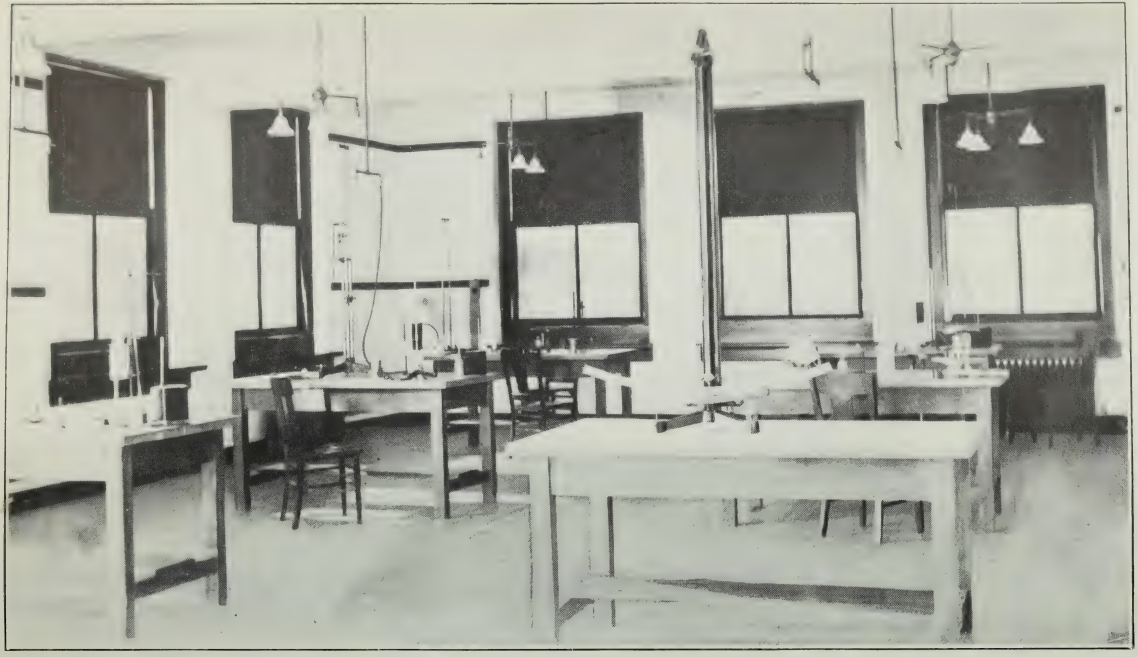
PHYSICS.

The Physical Laboratories occupy practically the entire first floor of the Carnegie Science Hall. There are two large laboratories, one for general physics and the other for electricity. Each of these has a smaller laboratory adjoining for special research work. In connection with this department there is in the basement a shop equipped with special tools for the production of apparatus for research work. The laboratories and equipment are completely modern and contain a number of special features facilitating and strengthening the work in these courses.

A lecture room, a recitation room, an office, a dark room and general storage rooms, together with a photometry room and a battery room which are located in the basement, complete the provision made for physics and afford a splendid opportunity for those students who desire to specialize along these lines.

The following courses are offered:

1. Short Course.—This is a short course which covers the entire subject in one year. Demonstrations in connection with the lectures are substituted for a considerable amount of the individual laboratory work that is done by the student in the long course, and some of the more technical features of the subject that are not of general importance are omitted. The aim is to offer a thorough year's work in the general principles of physics to those who are taking courses which will



PARTIAL VIEW OF ONE OF THE PHYSICAL LABORATORIES.
CARNEGIE SCIENCE HALL.

not permit them to take the regular long course in the subject. It is recommended only to those who are taking classical or literary courses, or a two year course in preparation for some school of medicine. Prerequisite, Mathematics, course 2. One year, six hours a week, four hours credit.

2. Mechanics, Sound, Heat.—This course includes a thorough study of mechanics, sound and heat. A large part of the time is spent in laboratory work and the student's conceptions of physical laws are developed as largely as possible from observation and experiment. About forty quantitative experiments are performed by each student in the laboratory, the aim being to afford a working knowledge of modern measuring instruments of precision and to develop quantitative methods, as well as to discover and verify the laws of nature. Careful attention is given to the problem of the errors in measurement, the student being required in each case to consider the origin of the errors and methods for their elimination and to compute the probable errors of observations and results. Prerequisite. Mathematics, courses 1 and 2. One year, five hours a week, three hours credit.

3. Electricity and Light.—This course includes a thorough study of electricity and light. Forty experiments are performed, thirty-five of which are in electricity, giving the student an opportunity to familiarize himself with electrical measuring instruments. The work in light includes measurements with the photometer, spectrometer, and interferometer. Prerequisite, course 2. One year, five hours a week, three hours credit.

Courses (2) and (3) together constitute what is termed the long course in Physics and are designed especially to meet the needs of students taking a scientific course.

SHOP WORK.

The basement of Carnegie Science Hall is devoted to shops. These shops are well lighted and ventilated, having full length windows and a high ceiling. The woodshop occupies the large room in the north wing and has adjoining it a finishing room for staining, filling and varnishing. The south wing contains a laboratory shop connected with the physics department and a metal shop which has adjoining it a forge and grinding room which is also equipped with a crucible furnace and moulding sand for making small castings. Believing that a modern education should lead to some appreciation of the world of mechanics as well as the world of literature, art and science, the following courses are offered to all college students:

1. General Shop Course.—Work in wood and the use, care and adjustment of the common wood working tools; a study of the common stains and varnishes and various methods of finishing wood surfaces; glue and methods of glueing; glasscutting, boring, grinding and cementing; solders and methods for soldering and brazing; use of the hammer—bending, drawing and peening; the files—flat filing, round filing and draw filing; cold chisels—cutting and chipping; scrapers; hand and press drill work; the lathe and lathe work; visits to the large shops of the Twin Cities. The object is to lead the student to an appreciation of the modern mechanical processes and at the same time develop his ability to perform them. One year, five hours a week, three hours credit.

2. Laboratory Shop Course.—This course is specially designed for students who are preparing to teach science. It includes a study of the design and construction of various forms of apparatus adapted to demonstrations and laboratory work in high schools and academies; the construction of a number of pieces of apparatus and the determination of their errors;

demonstration with the above pieces before the science classes in Baldwin School; visits to high school and college laboratories of the Twin Cities. Prerequisite, course 1 or its equivalent. One year, four hours a week, two hours credit.

3. Manual Training Teachers' Course.—This course is designed for students who are preparing to teach manual training. It includes a short study of the history and development of the manual training idea in education; the development of a progressive set of exercises each one of which must be executed and submitted for criticism accompanied by a paper explaining the object of the exercise, the connection with preceding exercises and the points that will appeal to the pupil's interest and stimulate creative thought; the conducting of a number of exercises in the manual training department of Baldwin School; visits to manual training and other shops in the Twin Cities. Prerequisite, course 1 or its equivalent. One year, four hours a week, two hours credit.

SOCIAL AND POLITICAL SCIENCE.

1. Sociology.—Under this head are included the history, various theories and principles of sociology. Important aims are, to show the extent of the field, to arouse an interest in the study and to help to correct methods of sociological investigation. A standard textbook is used, but the systems of sociology as presented in Spencer, Ward and others are presented and discussed. First semester, four hours a week.

2. Sociology.—The time will be devoted to a more detailed study of the history of Sociology, the theories of Giddings and to original inductive studies. Prerequisite, course 1. First semester, three hours a week. Not given 1911-1912.

3. Political Economy.—A general survey is taken of the history, theories and generally accepted principles of Political Economy. A standard text-book such as Gide is used, supplemented by collateral studies in Adam Smith, Mill, Ricardo, Walker, articles in cyclopedias, etc. Second semester, four hours a week.

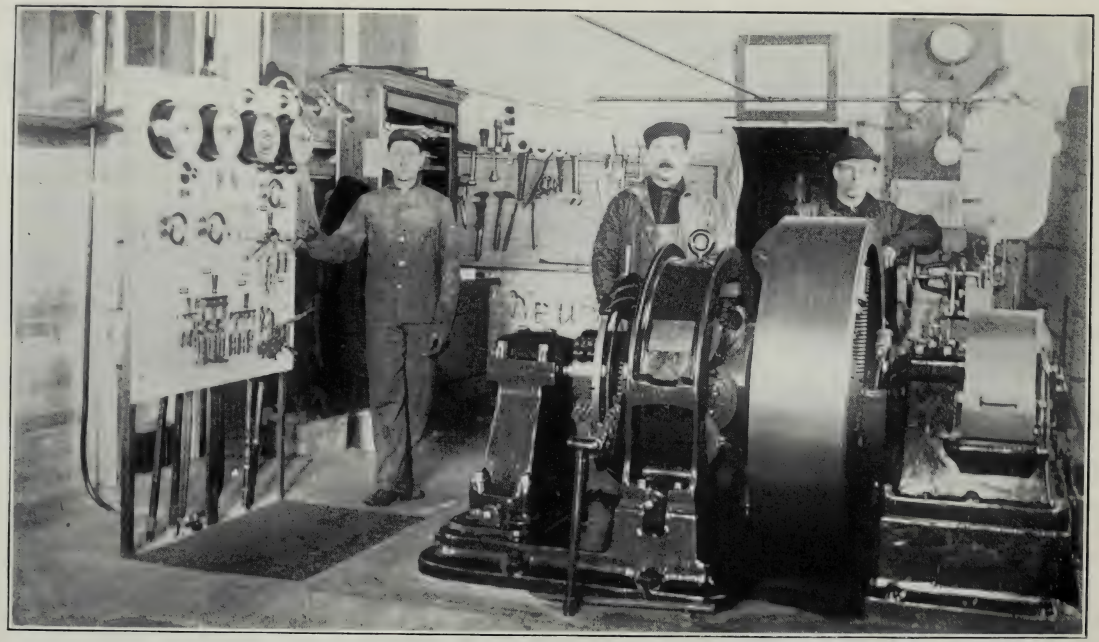
4. Political Economy.—In the elective course substantially the same ground is covered, but more attention is given to the historical development of the science and to the application of sound principles to current economic questions. Prerequisite, course 3. Second semester, three hours a week.

5. History of Civil Government.—The State, by Professor Wilson, is used as a text-book, with collateral study of constitutions. The aim is to trace clearly the great and distinctive features in the government of the leading European nations. Prerequisite, course 3. First semester, three hours a week.

6. International Law.—A brief course in the outlines of this important subject offered to meet the interest arising from our wider international relations. Prerequisite, course 3. Second semester, three hours a week. Not given 1911-1912.

7. Roman Law.—Morey's Outlines of Roman Law is used. The object is to make the student acquainted with (1) the origin and development of Roman Law; (2) its relation to modern systems of jurisprudence. Prerequisite, course 3. Second semester, two hours a week.

8. Financial History of the United States.—An historical study of public revenues and expenditures, of public debts and of currency and banking in the United States. Special attention is paid to government reports. The work by Professor D. R. Dewey is used as



POWER AND LIGHTING PLANT.

a text-book. Prerequisite, course 3. Second semester, three hours a week.

PHYSICAL TRAINING FOR WOMEN.

Theory—Personal Hygiene.—The means of preserving and improving the health and efficiency of the human mechanism and the conditions necessary to the perfect state of the body and the activity of the various functions.

Practice.—Gymnastics:

1. Corrective exercises—walking, standing and sitting. Elementary work in stall bars, Indian clubs, bar bells, and bounding balls.
2. Parallel bars, ladder and incline rope.
3. Folk dancing.

A credit of one hour will be given for two hours of physical training upon the completion of Biology 3.

DOMESTIC SCIENCE.

The St. Paul Y. W. C. A. offers a course of thirty-three lessons on dietetics and practical cooking, to be distributed weekly throughout the college year, at a cost of twenty dollars. The registration of ten students is necessary to insure a class. Any student who elects this course is allowed two credits in college work.

MACALESTER COLLEGE, SCHEDULE OF CLASS HOURS, FIRST SEMESTER, 1911-12.

	8:00 to 9:00	9:00 to 10:00	10:20 to 11:20	11:20 to 12:20	1:20 to 2:20	2:20 to 4:20
Monday	Bible 12. French 1. German 1. Greek 1. Soc. & Pol. Sci. 1.	Bible 2. A German 3. Greek 3. Latin 7. Mathematics 3. Philosophy 1.	Education 3. English 4. Shopwork 1. Latin 2.	Biology 3. English 5. Expression 1. French 2. German 5. Soc. & Pol. Sci. 5.	English 1. History 7. Mathematics 8. Physics 1. *	Latin 3.
Tuesday	Bible 3. Bible 5. Chemistry 5. English 2. French 1. German 1. Greek 1.	Expression 2. Greek 9. Latin 7. Mathematics 1. Philosophy 1.	Bible 4. Chemistry 1. History 4. Shopwork 2. Latin 1. Philosophy 4.	Biology 3. English 5. Physics 1.	Education 1. Mathematics 8.	Biology 1. * German 3. Greek 3. Latin 3. (3:20) Mathematics 3.
Wednes.	Bible 12. French 1. German 1. Greek 1. Soc. & Pol. Sci. 1.	Bible 2. B Mathematics 1. Philosophy 1.	English 2. Geology 1. Latin 1. Soc. & Pol. Sci. 5.	Biology 1. Chemistry 3. Education 3. English 4. Latin 2.	Bible 1. A Education 1. History 7.	English 7. German 3. Physics 1.
Thurs.	Bible 5. Bible 12. German 3. Greek 3. Soc. & Pol. Sci. 1.	Education 3. Greek 9. Latin 7. Mathematics 1. Physics 2.	Chemistry 1. Geology 1. History 4. Latin 1. Philosophy 4.	Biology 1. English 5. Expression 1. French 2. German 5.	English 1. History 7. Latin 2. Mathematics 8.	English 2. Mathematics 3.
Friday	Chemistry 5. English 7. French 1. German 1. Greek 1. Soc. & Pol. Sci. 1.	Bible 3. Expression 2. Mathematics 1. Philosophy 1.	Bible 4. English 2. Geology 1. History 4. Latin 1. Philosophy 4.	Biology 3. English 1. Expression 1. French 2. German 5. Soc. & Pol. Sci. 5.	Bible 1. B Education 1. Latin 3. Physics 1. *	Biology 1. * English 4.

Hours marked with asterisk are double for laboratory.
Subjects scheduled for 2:20 to 4:20 are single hour classes unless starred.

BALDWIN SCHOOL, SCHEDULE OF CLASS HOURS, FIRST SEMESTER, 1911-12.

	8:00 to 9:00	9:00 to 10:00	10:20 to 11:20	11:20 to 12:20	1:20 to 2:20	2:20 to 4:20
Monday	Latin 4. Latin 2. Phys. geog. 1. Shorthand 1.	Latin 3. Biology 3 & 4. History 2. Mathematics 1.	Greek 4. German 4. English 3. Bible 2. Latin 1, sec. I. Bookkeeping 1.	Physics 4. Bible 3. Mathematics 2. English 1.	English 4. Greek 3. German 3. Latin 1, sec. II.	
Tuesday	Latin 4. Mathematics 3. Latin 2. Phys. geog. 1. Shorthand 1.	Chemistry 3 & 4. Manl. train. 3 & 4. Latin 3. History 2. Mathematics 1.	Greek 4. German 4. English 3. English 2. Latin 1, sec. I. Bookkeeping 1.	Bible 4. Mathematics 2. English 1.	English 4. Greek 3. German 3. Latin 1, sec. II.	
Wednes.	Physics 4. * Mathematics 3. Latin 2. Phys. geog. 1. Shorthand 1.	Biology 3 & 4. Latin 3. History 2. Mathematics 1.	Greek 4. German 4. English 2. Latin 1, sec. I. Bookkeeping 1.	Bible 4. Mathematics 2. English 1.	English 4. Greek 3. German 3. Latin 1, sec. II.	Manl. train. 3 & 4.
Thursday	Latin 4. Mathematics 3. Latin 2. Phys. geog. 1. Shorthand 1.	Biology 3 & 4. Latin 3. History 2. Mathematics 1.	Greek 4. German 4. English 3. Bible 2. Latin 1, sec. I. Bookkeeping 1.	Physics 4. * Chemistry 3 & 4. Mathematics 2. English 1.	Greek 3. German 3. Latin 1, sec. II.	Manl. train. 3 & 4.
Friday	Latin 4. Mathematics 3. Latin 2. Phys. geog. 1. Shorthand 1.	Biology 3 & 4. Manl. train. 3 & 4. Latin 3. History 2. Mathematics 1.	Greek 4. German 4. English 3. English 2. Latin 1, sec. I. Bookkeeping 1.	Physics 4. Bible 3. Mathematics 2. English 1.	English 4. Greek 3. German 3. Latin 1, sec. II.	

Hours marked with asterisk are double for laboratory.

BALDWIN SCHOOL.

Accredited to the North Central Association of Colleges and Secondary Schools.

Faculty.

JOHN PORTER HALL, A. B., Principal.
Greek and History.

JAMES WALLACE, Ph. D.
Bible.

DAVID NEWTON KINGERY, A. M.
Mathematics.

RICHARD URIAH JONES, A. B.
Chemistry.

HUGH STUART ALEXANDER, A. M.
Physics and Manual Training.

GRACE BEE WHITRIDGE.
English.

FARQUHAR DAVID McRAE, Ph. D.
History.

GERTRUDE CRIST.
Commercial Studies.

FRANKLIN WATERS PLUMMER, A. B.
Biology and Physical Geography.

MAY GIBSON, A. B.
Latin.

WILLIAM HENRY KLOSE, Ph. D.
German.

HAROLD OMER BURGESS, A. B.
Latin.

FRANK DICKEY SCOTT, A. B.
English.

EDNA FRANCES WHITE.
Algebra.

General Information.

Historical Sketch

Baldwin School was founded in 1853. In 1864 Baldwin University was chartered and in connection with this university it was provided to establish an academic department to be known as Baldwin Grammar School. When Macalester College was incorporated in 1874 the amended charter provided "That the preparatory department of said Macalester College shall be known as the Baldwin School." The prospectus of Macalester College published in 1885 merely mentions a preparatory course. In the catalogue for 1885-6 reference is made to a preparatory course but none to Baldwin School as such. In the catalogue of 1890 the preparatory school is referred to as Baldwin School and reference is made to the provision of the charter. In the minutes of the Board of Trustees in 1890 it is ordered that hereafter the academy shall be designated as Baldwin School. The catalogue for 1891-2 says Preparatory Department and under it Baldwin School. This holds true for the next three years. The catalogue for 1894-5 for the first time speaks of the preparatory department as Macalester Classical Academy, but in a footnote gives the legal name, Baldwin School. Beginning with 1895 the catalogues uniformly describe the academy as Macalester Classical Academy. Such being the facts in the case, historical accuracy and charter provisions require a return to the name Baldwin School.

Admission and Courses.

The purpose of Baldwin School is to give four years of thorough preparation for the standard college courses and to provide a good general education for those who cannot continue their studies further. The educational standards and requirements of Baldwin School have secured for it the right to be accredited to the North Central Association of Colleges and Secondary Schools.

Two courses are offered, Classical and Scientific.

The languages of the Classical Course are Latin, and Greek or German. The Scientific substitutes science for the Latin of the junior and senior years.

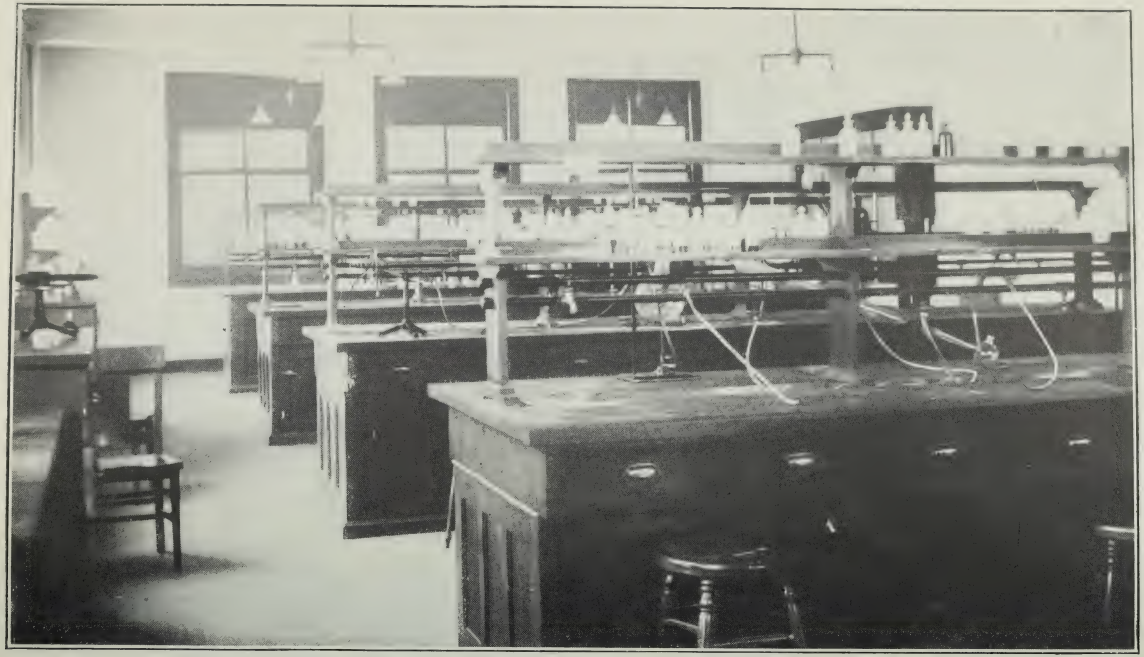
Other requirements of both courses are stated in the synopsis of courses of study.

Requirements for Entrance.—Applicants for admission to the freshman class are examined in orthography, elementary English and arithmetic (through proportion), descriptive geography, and United States history. Applicants for admission to higher classes will, in addition to the above, be examined in the studies of the classes below that for which they apply. Certificates are accepted in lieu of examinations in so far as they represent equivalents in time and in work of studies prescribed in the courses of Baldwin School.

Students should bring with them certificates of standing and grades in schools from which they may come, stating the text-books used and the amount of time spent upon each study.

Edwards' Prize.

Mr. W. R. Edwards and Mr. B. K. Edwards of St. Paul present, in memory of their father Mr. W. C. Edwards, a gold medal to that member of the senior class who is graduated with the highest standing. This prize was awarded last year to Edward E. McCabe.



INORGANIC CHEMICAL LABORATORY. PARTIAL VIEW.

CARNEGIE SCIENCE HALL.

Synopsis of Courses of Study.

Freshman Year.

	1st Sem.	2nd Sem.
Bible	..	(2)
English	(5)	(3)
Latin	(5)	(5)
Mathematics	(5)	(5)
Phys. Geography, Bookkeeping, Shorthand and Typewriting, History, Arithmetic — elect one	(5)	(5)

Sophomore Year.

	1st Sem.	2nd Sem.
Bible	(2)	..
English	(3)	(5)
Latin	(5)	(5)
History	(5)	(5)
Mathematics	(5)	(5)

Junior Year.

	Classical 1st Sem.	Classical 2d Sem.	Scientific 1st Sem.	Scientific 2d Sem.
Bible	(2)	(2)	(2)	(2)
English	(4)	(4)	(4)	(4)
Latin	(5)	(5)	..	..
Greek | German — elect one	(5)	(5)	(5)	(5)
Mathematics	..	..	(4)	(4)
Mathematics, Chemistry, Biology, Manual Training — elect one	(4)	(4)	..	..
Chemistry, Biology, Manual Training — elect one	..	..	(4)	(4)

Senior Year.

	Classical 1st Sem.	Classical 2d Sem.	Scientific 1st Sem.	Scientific 2d Sem.
Bible	(2)	(2)	(2)	(2)
English	(4)	(4)	(4)	(4)
Latin	(4)	(4)	..	..
Greek | German — elect one	(5)	(5)	(5)	(5)
Physics	..	..	(4)	(4)
Chemistry	..	..	(4)	(4)
Biology	..	..		
Manual Training — elect two				
Physics, Chemistry, Biology, Manual Training, History and Civics, Com'l Law and Economics — elect one	(4)	(4)	..	

Classical course must include one year of science.
Figures refer to number of hours per week.

Particular Description.

BIBLE.

The Bible is required of all students in Baldwin School. Being the book of the ages, a knowledge of it is deemed an essential part of a good education and vital to the right development of character. Throughout the course a careful study of the text of the Bible itself, correct methods of analyzing and classifying the material are insisted upon. The students are helped to exercise the historical imagination with a view to revivifying as much as possible the life and scenes of Bible times. Careful attention is given to the geography of the Bible and of Bible lands. In this the classes have the help of the large relief map (4 ft. x 7 ft.), published by the Palestine Exploration Society of England, also of other up-to-date maps and charts.

Biography.—The time is devoted to Old Testament biography beginning with Abraham, the founder of the Hebrew race, and including the patriarchs, Moses, Aaron and Joshua. Some passages and verses of special excellence are memorized. Freshman, second semester, two hours a week.

Biography.—The study of Old Testament biography is continued and includes some of the judges, Samuel, Saul, David and Solomon. Sophomore, first semester, two hours a week.

History.—The first semester is devoted to a careful study of the reigns of Saul, David and Solomon and of the divided kingdom down to the reign of Hezekiah. Much attention is given Old Testament geography. The second semester is given to a study

of one of the Gospels and to the Principles of Jesus (by Speer). Junior, two hours a week.

History.—The first semester is given to the history of Judah and Israel from the time of Hezekiah to the fall of Jerusalem. Considerable attention is given to the contemporary history of Syria, Assyria and Babylon and the work, influence and teachings of the great prophets receive consideration. The second semester is devoted to the Gospel history and the elements of New Testament history. Senior, two hours a week.

ENGLISH.

Composition.—The first year is devoted to a study of the elementary principles of composition and to practice in writing. Especial emphasis is placed upon grammatical reviews, punctuation, capitalization, correct usage, sentence and paragraph structure and the elementary principles of narrative, descriptive, expository and argumentative discourse. Selections for reading and study are taken from the English entrance requirements. The text is Sykes' Elementary Composition. Freshman, first semester, five hours a week; second semester, three hours a week.

Rhetoric.—The text for the second year is Herrick and Damon's Composition and Rhetoric. The first semester takes up a careful study of vocabularies, good usage, number and choice of words. The second semester studies the application of rhetorical principles to sentences, paragraphs and whole compositions. Weekly practice in composition is held; also, frequent study of the English Entrance Requirements. Sophomore, first semester, three hours a week; second semester, five hours a week.

Analysis and Expression.—The third year's work is essentially a reading and expression course. Care-

ful analysis is required of the masterpieces read in class. Special emphasis is given to training in articulation, enunciation and public reading. The minor poems of Milton, two plays of Shakespeare and Scott's Lady of the Lake form the basis of study. Junior, four hours a week.

Literature.—The fourth year is devoted to a study of the history of English literature and of short selections from the various authors. Careful attention is given to the historical relations of the different periods in their effect on literature, also the life history of the great English writers, and a brief study of their style. Research and topical reports are frequent, especially in the first semester. The text is Painter's History of English Literature, which is supplemented by brief selected readings from representative authors. Senior, four hours a week.

LATIN.

Latin is a required study throughout the classical course and for the first two years of the scientific. During the time devoted to this study the student is expected to acquire a large vocabulary, a wide knowledge of the rules of syntax, and the ability to convert English into the Latin idiom. These things furnish an indispensable basis for the work pursued in the college classes. Special attention is given to the forms and structure of the language, which are studied by severe methods of both analysis and synthesis. The grammar is thoroughly studied and the memory is helped by a rational explanation of forms.

Lessons.—The first year is spent in the study of the declensions and conjugations, syntax and vocabulary, in making translations daily to and from the Latin and in conversation. Freshman, five hours a week.

Caesar and Composition.—The second year is devoted to careful and thorough study of Caesar and composition. Four books are read. Sophomore, five hours a week.

Cicero and Composition.—The junior year is devoted to Cicero, composition and a more thorough study of the grammar. Six orations are read. Junior, five hours a week.

Virgil.—The senior year is devoted to Virgil. The Aeneid is studied both textually and as literature. Six books are read. Prosody receives careful attention. Senior, four hours a week.

GREEK.

Greek is a required study alternative to German in the classical course.

Lessons.—The aim of this course is to master the elements of the language, six hundred to eight hundred carefully selected Greek words and two or more chapters of the Anabasis. Junior, five hours a week.

Anabasis.—This year is devoted to a thorough reading and syntactical study of four books of Xenophon's Anabasis accompanied by prose exercises and sight reading in the fifth and sixth books. Special effort is made to master a large vocabulary. Senior, five hours a week.

GERMAN.

German is a required study alternative to Greek in the classical course.

First Year.—Vos' Essentials of German, Allen's Herein, conversation and composition. Junior, five hours a week.

Second Year.—Review of grammar, reading of Storm's Immensee, Gerstacker's Germelshausen, Seidel's Der Lindenbaum, Heyse's Das Madchen von Treppi. Other readings, including a play. Conversation and composition. Senior, five hours a week.

MATHEMATICS.

Elementary Algebra.—Fundamental operations of algebra, including fractions, factoring and simple equations. Freshman, five hours a week.

Advanced Algebra.—A review of first year's work and study of progressions, ratio and proportion, quadratics, graphs, etc. Junior, first semester, four hours a week.

Plane Geometry.—Demonstration of propositions and drill in original exercises. Sophomore, five hours a week.

Solid Geometry.—Junior, four hours a week.

Arithmetic.—See Commercial studies.

SCIENCE.

Physiology.—Text-book and discussions of physiology, hygiene and sanitation, supplemented by as much laboratory work as the limited time will permit. Junior or senior, first semester, six hours a week, four hours credit. Not offered in 1911-1912.

Botany.—A short course, including text-book, laboratory, and field work. Junior or senior, second semester, six hours a week, four hours credit. Not offered in 1911-1912.

Zoology.—Text-book and laboratory work on type forms. Junior or senior, one year, six hours a week, four hours credit.

Chemistry.—A general course in inorganic chemistry including text-book, lectures and laboratory. Junior or senior, six hours a week, four hours credit.

Physics.—This subject includes a thorough elementary study of mechanics, heat, sound, light and electricity. The ground covered is fairly represented by such texts as Carhart and Chute or Hoadley. Junior or senior, one year, six hours a week, four hours credit.

Physical Geography.—A course of text-book work with a few short expeditions as an aid. Freshman, first semester, five hours a week.

HISTORY AND CIVICS.

The aim of this department is the acquisition by the student of such historical and political knowledge as will be a necessary element in general culture and a solid foundation for further studies in history and government. The method of teaching employed is that of the text-book with assigned topics for investigation.

English History.—From the first invasion of Britain by Julius Caesar to the present time. Freshman, second semester, five hours a week.

Roman History.—From the founding of Rome to the age of Charlemagne. Sophomore, first semester, five hours a week.

Greek History.—This course begins with the earliest times and includes, first, a rapid survey of the ancient oriental civilizations and, second, a more detailed study of Greece proper and Hellas to the Roman conquest. Sophomore, second semester, five hours a week.

Medieval and Modern History.—Senior, second semester, four hours a week.

Civics.—An elementary study of the different branches of government, local, state and national in this country. Senior, first semester, four hours a week.

MANUAL TRAINING.

The work of this course includes the practical use and care of ordinary hand-tools for wood-working, gluing, staining and varnishing, glass cutting, bending and filing of metals, drilling and soldering. Junior or senior, seven hours a week, four hours credit.

COMMERCIAL STUDIES.

Shorthand.—The system taught is Graham's Standard Phonography. The course covers the entire year; the first six months being devoted to the study of the principles of the system and the remaining time to dictation work. One year, five hours a week.

Typewriting.—The object of the instruction in typewriting is to give the students a correct method of fingering, a uniform touch and to train them in all the details of form and arrangement of transcript. The work includes business letters, the preparation of tabulated statements and the writing of different legal forms. A student pursuing the course in shorthand is required to take typewriting. No credit is given for this course alone. One year, five hours a week.

Bookkeeping.—There is but one set, double entry, to be written up by the student. This begins with the simplest transactions and extends through corporation bookkeeping. The student is made thoroughly familiar with the usual business forms such as checks, invoices, promissory notes, certified checks, endorsements, bills, certificates of deposit, bills of lading, etc. One year, five hours a week.

Commercial Arithmetic.—This course includes a short review of elementary principles and a thorough study of problems in business methods. One semester, five hours a week.

A BIT OF THE MANUAL TRAINING SHOPS.
CARNEGIE SCIENCE HALL.

SCHOOL OF MUSIC.

Faculty.

HARRY PHILLIPS,

Director. Instructor in Voice Culture.

Certificate from Royal Conservatory of Music, Stuttgart, Germany, 1885 to 1889. Organist and Soloist in various churches in St. Paul and Minneapolis, 1889 to 1906. Baritone in Westminster Presbyterian Church, Minneapolis, 1906——. Director and Instructor in Piano and Voice Culture, Macalester College, 1895——.

Residence, Minneapolis, 3117 Humboldt Ave. S.
N. W. South 1426.

GEORGE HERBERT FAIRCLOUGH,

Instructor in Piano, Organ, Theory.

Certificate from Royal High School of Music, Berlin, Germany, (1893 to 1896), under Professors Barth, von Peterson, Ernest, Schelling, Piano; Bargiel and Succo, Theory; Clemens, Organ. Director of Music, Presbyterian Ladies' College, Brantford, Ont., 1891 to 1893. Organist and Choir Master, St. John's Episcopal Church, and also of Mount Zion Hebrew Temple, St. Paul, 1900——.

Residence, 546 Ashland Ave. N. W. Cedar 5258.

JANE PINCH,

Vocal Instructor.

Three years in Conservatory of Music at Ripon College, Wis., under Dr. D. S. Stillman and Mr. Ellenberger, followed by one year under Signor Vittorio Carpi, of the Chicago Conservatory of Music, and Mr. Young, of Chicago.

Residence, 872 Dayton Ave.

BESSIE A. GODKIN,

Instructor in Piano.

Pupil of C. G. Titcomb seven years. Special work, New York City, two years.

Residence, 1048 Van Slyke. N. W. Dale 2661.

EMILY GRACE KAY,

Instructor in Harmony, Appreciation of Music and Sight-Singing.

Pupil of Ferruccio Busoni. Certificate from the New England Conservatory of Music, Boston, Mass. Theory and History of Music, Louis C. Elson; Harmony, George W. Chadwick and Sarah E. Newman; Solfeggio, Samuel W. Cole. Supervisor of Public School Music with private teaching in Piano, Niles, Michigan, three years. Director of Music, Webb City College, Webb City, Missouri, two years. Director of Music, Greenville College, Greenville, Illinois, six years. Private Teaching in St. Paul since October, 1907.

Residence, 897 Goodrich Ave. N. W. Dale 350.

MILDRED G. PHILLIPS, A. B.,

Instructor in Piano and History of Music.

Pupil of Harry Phillips, C. G. Titcomb, G. H. Fairclough. Graduate of Macalester College School of Music, 1906. A. B. Macalester College, 1910.

Residence, Minneapolis, 3117 Humboldt Ave. S.
N. W. South 1426.

GEORGE A. THORNTON,

Instructor in Violin, Leader of College Orchestra.

Seven years of Piano, Organ, Harmony and Counterpoint, under F. W. Sykes Mus. Bach. A professional pupil for Violin, Five years at the Leeds College of Music under Edgar Haddock. Organist of Wexford Episcopal Church, Conductor Wexford Orchestral Society. Instructor in Piano and Harmony, Ladies' College, 1900-1906. Mr. Thornton was trained entirely in England. He is now Organist and Director at St. Clements Episcopal Church, St. Paul. A member of the St. Paul Symphony Orchestra.

Residence, 1777 Lincoln Ave. N. W. Midway 766L.

MRS. AUGUSTA MacLEOD.

Instructor in Public School Music and Methods.

Special work in Public School Music with Miss Shawe, Teacher in the public schools of St. Paul for twenty-four years.
Residence 630 Ashland Ave. N. W. Dale 860.

The School of Music issues a special catalogue giving courses of study, advantages of location, representative recital programs, electives in music, etc., which is sent on request to the President of Macalester College. For this reason a few points only of general interest are here included.

Entrance Requirements.—All pupils on entering the School are examined by the Director and classified according to their knowledge and ability.

Each student is required to take a minimum of five hours a week in Macalester College or Baldwin School.

Teacher's Certificate.—At the end of the second year certificates are given to those wishing to teach, stating their proficiency and fitness for teaching in whatever branch they have been studying. To receive this certificate it is necessary to have had one year of Harmony.

Graduation.—All students completing the required course of three years, in either Vocal Culture, Piano, Organ or Violin, to the satisfaction of the Director of that particular subject and having taken a year of Advanced Harmony, Composition, the Forms, etc., are granted diplomas. No diploma is awarded unless the student has attended the School of Music at least one year.

Orchestra.—A College Orchestra, composed of students and under competent leadership, has been organized this year with great satisfaction to members and public. It is open to all students at a nominal fee of one dollar a year.

Terms for Instruction.

Piano, per semester—Miss Godkin:
- One hour lesson per week $36.00
- Two 30 minute lessons per week 36.00
- One 45 minute lesson per week..... 28.00

Piano or Pipe Organ, per semester—Mr. Fairclough:
- Two 30 minute lessons per week 50.00
- One 45 minute lesson per week 39.00

Vocal Lessons, per semester—Mr. Phillips:
- Two 20 minute lessons per week..... 68.00
- Two 30 minute lessons per week 85.00
- One 30 minute lesson per week 50.00

Vocal Lessons, per semester—Miss Pinch:
- Two 30 minute lessons per week 54.00
- One 30 minute lesson per week 30.00

Harmony, class lessons, per semester:
- Two lessons per week 12.00

Public School Music:
- Class of six per semester 12.00
- Class of four per semester 15.00
- Class of three per semester 18.00
- Class of two per semester 27.00

Violin, per semester:
- Two 30 minute lessons per week 36.00
- One 30 minute lesson per week 20.00

Rent of Piano for practice, per semester:
- One hour per day 4.00
- Two hours per day 8.00
- Three hours per day 12.00
- Four or more hours per day 14.00
- Registration fee per semester..... 6.50

Payment strictly in advance and only in case of severe illness of more than two weeks duration can any deduction be made for missed lessons. In such cases the School shares the loss equally with the pupil.

Honorary Degrees

Conferred by Macalester College.

No honorary degrees were given by Macalester College before 1901.

1901: D. D. to Rev. Charles Thayer, Ph. D.....Deceased.

D. D. to Rev. George W. Davis, Ph. D., St. Paul, Minn.

1902: D. D. to Rev. H. F. Stilwell.....St. Paul, Minn.

D. D. to Rev. J. Le Moyne Danner..Indianapolis, Ind.

LL. D. to Hon. Thomas Wilson.....Deceased.

1903: D. D. to Rev. Joseph Cochran, Macalester, '89.....
.....Philadelphia, Pa.

1904: D. D. to Rev. Stanley B. Roberts..Minneapolis, Minn.

M. A. to Myron A. Clark, Macalester, '90.....
.....Rio Janeiro, Brazil.

1905: D. D. to Rev. Charles F. Hubbard.....Auburn, N. Y.

1906: D. D. to Rev. Donald D. McKay.....Tacoma, Wash.

1907: D. D. to Rev. Archibald Cardle, Macalester '94.....
.... Burlington, Iowa.

1910: D. D. to Rev. Charles T. Burnley.....Hudson, Wis.
D. D. to Rev. Alfred E. Driscoll.....Ashland, Wis.

D. D. to Rev. William Porter Lee, Macalester '89.....
.....Germantown, Pa.

D. D. to Rev. Harry Clinton Schuler, Macalester '95..
.....Teheran, Persia.

D. D. to Rev. John Hansen Sellie, Macalester '95.....
.....Buffalo, Minn.

Roll of Alumni.

Class of 1889.

George Washington Achard....Business, Minneapolis, Minn.
Jos. Wilson Cochran.....Minister, Philadelphia, Pa.
Ulysses Grant Evans .....Minister, Derby, Iowa
James Chase Hambleton.....Teacher, Columbus, Ohio.
Benjamin Wallace Irvin.....Deceased.
Samuel M. Kirkwood.....Surgeon, St. Paul, Minn.
Wm. Porter Lee.....Minister, Germantown, Pa.
Paul Erskine McCurdy.....Business, Philadelphia, Pa.
Louis Ferdinand Slagle.....Deceased.
Charles Albert Winter.....Deceased.

Class of 1890.

Myron A. Clark.....Sec. Y. M. C. A., Rio Janeiro, Brazil.
Thaddeus T. Cresswell.....Minister, Pomona, Cal.
John Knox Hall.....Missionary, Denver, Colo.
William Henry Humphrey.....Deceased.
William Paul Kirkwood....Magazine Writer, St. Paul, Minn.
Amos Avery Randall.....Minister, Princeville, Ill.
Judson L. Underwood.....Missionary, Mayaguez, Porto Rico.

Class of 1891.

Frank Brown .....Willmette, Ill.
Walter F. Finch.....Minister, Slayton, Minn.
Walfred Sunberg .....Deceased.
William B. Turner .....Business, Boston, Mass.
Thomas C. Williamson.....Business, Greenwood, S. D.

Class of 1893.

James Carlisle Simonton.....Business, Minneapolis, Minn.
Joseph Zoll.....Address Unknown.

Class of 1894.

Francis W. Beidler.....Minister, Monte Vista, Colo.
Archibald Cardle .....Minister, Burlington, Iowa.
Paul A. Ewert.....Attorney, Joplin, Mo.
George E. Johnson.....Business, Sayre, Okla.
Sam'l M. Marsh.....Minister, Wabasso, Minn.
Wm. H. Sinclair.....Minister, Clarksville, Iowa.

Class of 1895.

Frank E. Balcome.....Physician, St. Paul, Minn.
John W. Christianson.....Minister, Sisseton, S. D.
Thomas Fitz-Morris Clark.....Minister, St. Croix Falls, Wis.
Chas. D. Darling.....Minister, Minneapolis, Minn.
Ed. Howard Gordon.....Deceased.
Harry Clinton Schuler.....Missionary, Teheran, Persia.
John Hansen Sellie.....Minister, Buffalo, Minn.
Arthur Whitney Vance .....
City Editor, Daily News, St. Paul, Minn.

Class of 1896.

Alexander Edward Cance .....
Teacher, Mass. Agr'l School, Amherst, Mass.
Moses M. Maxwell.....Minister, St. Paul, Minn.
Samuel F. Sharp.....Minister, Exeter, Ontario, Can.

Class of 1897.

Albert Ernest Evans.....Minister, Gemmell, Minn.
Charles W. Hansen .....Deceased.
Ernest Charles Henke.....Minister, Baraboo, Wis.
George Leck .....Deceased.
John McLearie .....
Professor, State School of Mines, Rapid City, S. D.
Winifred Moore-Mace .....Beresford, S. D.
Arthur A. Palmer.....Minister, Howard Lake, Minn.
Charles Petran.....Missionary, Saltillo, Mexico.
Louis B. Sherwin .....Minister, Bayfield, Wis.
William K. Sherwin.....Teacher, Carlton, Minn.
Arthur G. Welbon.....Missionary, Andong, Korea.

Class of 1898.

Clarence Dwight Baker .....Deceased.
Charles Warren Dade.....Teacher, Little Fork, Minn.
Anna Moore Dickson.....Teacher, H. S., St. Paul, Minn.
Caspar Gregory Dickson .....Clerk Nat. Lib'y, Washington.
Nellie M. Flanders-Sherwin.....Carlton, Minn.
John M. Guise .....Prin. of School, St. Paul, Minn.
Carlton Leslie Koons.....Minister, Eau Claire, Wis.
Robert C. Mitchell.....Minister, Indianola, Ia.
William James Mitchell.....Minister, Brighton, Wash.
David Walter Morgan.....Minister, Birmingham, Iowa.

Class of 1899.

Hugh S. Alexander.....Prof. Mac. College, St. Paul, Minn.
Walter Baker Augur.....Minister, Arriba, Colo.
Charles Allen Clark.....Missionary, Seoul, Korea.
Ralph Elmo Clark.....Minister, St. Peter, Minn.
Paul Doeltz.....Missionary, Iloilo, Philippine Islands.
George C. Edson.....Minister, Brooklyn, N. Y.
Thomas George Jamieson.....Business, Calgary, Can.
Almira F. Lewis.....Denver, Colo.
James Murray .....Minister, Nez Perce, Idaho.
Samuel Merton Pinney..Superintendent, Spring Grove, Minn.
Jacob Elmer Smits.....Deceased.
George Stanley.....Minister, Rushford, Minn.
Murray Alberton Travis.....Minister, Collegeport, Tex.

Class of 1900.

John Calvin Abels.....Business, Washington, Ia.
Miles Strong Grimes.....Minister, White Salmon, Wash.
Ralph Emerson Herron.....Business, Manito, Ill.
John Robert Landsborough.....Minister, Oregon City, Ore.
Ernest A. Oldenburg.....Minister, St. Paul, Minn.
Mathilde Pederson-Romunstaad.....Deceased.
Irving David Roach.....Business, Azusa, Cal.
William James Sharp.....Minister, So. Tacoma, Wash.
Roy Walker Smits.....Supt. Schools, Kelso, Wash.
David A. Thompson.....Minister, Selwood, Portland, Ore.

Class of 1901.

Wm. Beckering.....Minister, Dostberg, Wis.
Louis Benes..... ....Minister, Waupun, Wis.
Henry Roy Bitzing.....Lawyer, Mandan, N. D.
Percy Porter Brush.....Business, Kelso, Wash.
Charles Morrow Farney.....Business, St. Paul, Minn.
Henry D. Funk.....Prof. Mac. College, St. Paul, Minn.
Nathaniel E. Hoy.....Meadow, S. D.
Lewis Hughes .....Ottawa, Minn.
Richard U. Jones.....Prof., Mac. College, St. Paul, Minn.
William C. Laube.....Professor and Minister, Dubuque, Ia.
Millicent V. Mahlum.....Teacher, Brainerd, Minn.
William H. Travis.....Prof. Palacios College, Palacios, Tex.
Lily Bell Watson.....Macomb, Ill.

Class of 1902.

Frederick Brown.....Minister, Lansing, Mich.
Robert L. Davidson.....Teacher, Kent, Wash.
Sarah A. Haines.....Sitka, Alaska.
Grace Iddings-Fletcher.....Grand Forks, N. D.
Leonard L. Mann..... Waupun, Wis.
Francis H. Newton.....Minister, Reubens, Idaho.
Winifred R. Pringle-Weber.....Bayfield, Wis.
Edgar E. Sharp.....Lawyer, Moorhead, Minn.
Benjamin Bruce Wallace.....Princeton U., Princeton, N. J.
Helen Margaret Wallace-Davies.....Chicago, Ill.

Class of 1903.

John Morton Davies.....Minister, Chicago, Ill.
Bessie Shepard Doig-Jacobson.....Panora, Iowa.
Julia Anita Elmer.....Teacher, St. Paul, Minn.
Peter Erickson.....Minister, Drayton, N. D.
Ebenezer Thomas Ferry.....Minister, Morrisville, Pa.
Emma Inez Godward-Davies.....Ord, Nebr.
Robert McMaster Hood.....Minister, Madera, Cal.
Peter Westin Jacobson.....Minister, Panora, Iowa.
Raymond Lewis Kilpatrick.....Engineer, Hibbing, Minn.
Donald Norman MacRae .....
Minister, Glace Bay, Cape Breton, N. S.
Henry Morgan.....Reporter, St. Paul, Minn.
Joseph E. Rankin.....Minister, Long Lake, Minn.
Mary J. Rankin.....Missionary Teacher, Ozone, Tenn.
Max. M. Wiles.....Minister, Princeville, Ill.
William H. Weber.....Business, Bayfield, Wis.

Class of 1904.

Grace Ivanore Chapin-Sharp.....Moorhead, Minn.
Peter Arthur Davies.....Ord, Nebr.
Thomas Hunter Dickson.....Interne, St. Paul, Minn.
Margaret Evans-Detweiler.....Ponce, Porto Rico.
William Horatio Kendall.....Minister, Farmington, Ill.
Alfred Edward Koenig...Instructor U. of Wis., Madison, Wis.
William Oliver Rothney....Minister, Richmond, Quebec, Can.
Henry John Voskuil.....Missionary, Amoy, China.
Tolbert Watson.....Physician, Albany, Minn.
Mabel Wicker.....Teacher, Kenyon, Minn.

Class of 1905.

John Thomas Anderson.....Minister, Belfield, N. D.
Earl Kenneth Bitzing.....Editor, Mandan, N. D.
Eugene Erwin Bromley.....Missionary, Sitka, Alaska.
Isabelle Allison Elmer.....St. Paul, Minn.
Asa John Ferry .....Minister, Philadelphia, Pa.
Thomas Edwin Flinn.....Physician, Redwood Falls, Minn.
Ledru Otway Geib.....Med. Student, Detroit, Mich.
Mary Carnahan Guy-Shellman, Missionary, Pitsanuloke, Siam.
Marie Grace Jamieson-Smith.....Lewisville, Ind.
Daniel Griffin Le Fever.....Principal, Tyler, Minn.
James Albert Slack.....Minister, Powell, Wyo.
Robert Owens Thomas.....Horicon, Wis.
Jane Turnbull .....Teacher, Kerkhoven, Minn.

Class of 1906.

Levi H. Beeler.....Teachers' Agency, Chicago, Ill.
James Ekin Detweiler.....Missionary, Yamada, Japan.
James Hamilton.....Minister, Battle Creek, Ia.
Roscoe Cliver Higbee.....Prin. of School, St. Paul, Minn.
Alexander Hood.....Missionary, North Fork, Cal.
Albert Kuhn.....Prof. Presb. Sem., Dubuque, Ia.
Paul H. Th. Ruterholz.....Teacher, Wells, Minn.
Ruth Estelle Swasey-Rusterholz.....Wells, Minn.
Gordon Graham Thompson.....Interne, Chicago, Ill.
Frank Harvey Throop.....Missionary, Soo Chow, China.
Margaret Turnbull.....Teacher, Clark, S. D.

Class of 1907.

William Harvey Amos.....Theo. Student, Omaha, Nebr.
James Albert Caldwell.....Minneapolis, Minn.
Robert W. Davies.....Principal, Mapleton, Minn.
Josephine Elmer.....St. Paul, Minn.
Marshall Gregory Findley.....Teacher, Princeton, N. J.
Richard David Hughes.....Minister, Cotter, Ia.
Martha Antoinette Jacobsen.....Teacher, St. Paul, Minn.
Henrietta Cecelia Lundstrom.....Teacher, Mapleton, Minn.
Rose Amelia Metzger-Nutt.....Sidney, Mont.
David McMartin.....Minister, Round Lake, Minn.
Rhoda Catherine MacKenzie.....Teacher, Fruitvale, Cal.
Richard Samuel Nutt.....Bank Cashier, Sidney, Mont.
Ole Johnson Oie.....Minister, Christiania, Norway.
William Fred Pottsmith.....Minister, King Hill, Idaho.
Mary Pauline Payne.....Teacher, Mapleton, Minn.
Minerva Schlichting.....Teacher, Harmony, Minn.
Ruth Adelia Sherrill.....Teacher, Morgan, Minn.
Mary Helen Smith-Jones.....St. Paul, Minn.
George Hill Smith.....Business, Excelsior, Minn.

Class of 1908.

George Kemp Aiken.....Reporter, Tacoma, Wash.
Hanna Sophia Berg.....Teacher, Grantsburg, Wis.
Ralph Brinks.....Principal, Buffalo, N. D.
Richard Stanley Brown.....Theo. Student, Chicago, Ill.
Edith Frederica Cale.....Worthington, Minn.
Clifford Clement Cornwell....Theo. Student, Auburn, N. Y.
Evan Milton Evans.....Law Student, St. Paul, Minn.
Rosella Evans.....Teacher, Anamoose, N. D.
James Todd Guy.....Law Student, St. Paul, Minn.
Mary Elizabeth Guy.....Principal, Sherburne, Minn.
Walter Mell Hobart.....Teacher, Verona, N. D.
Lucy MaBelle Hyslop.....Chester, Minn.
Nina Foy Johnson.....Fairmount, Minn.
Margaret Edith Lakey-McDonald.....Chicago, Ill.
Peter McEwen.....Theo. Student, Chicago, Ill.
Luke Edward Marvin.....Duluth, Minn.
Martha Bessy Olson-Bromley.....Sitka, Alaska
Stanley Hall Roberts.....Theo. Student, Chicago, Ill.
Lydia Anna Schroedel.....Teacher, No. St. Paul, Minn.
Clarence Mason Stearns.....Business, St. Paul, Minn.
Robert Sinclair Wallace.....
U. S. Forestry Service, Hot Springs, Ark.

Class of 1909.

Emma Bertelle Barker.....Slayton, Minn.
Lucas H. Brinks.....Teacher, Madison, S. D.
Albert Daniel Davies.....Teacher, Dover, Minn.
David Roy Jones .....Theo. Student, Chicago, Ill.
Lulu Lane Piper.....Berwyn, Ill.

Class of 1910.

George Samuel Barclay Acheson.....
Theo. Student, San Anselmo, Cal.
William Jefferson Bell.....Theo. Student, Princeton, N. J.
Joseph Vaclav Beran.....Hibbing, Minn.
Charles Taylor Burnley.....Hudson, Wis.
Edward John Carson.....Theo. Student, Chicago, Ill.
John Andrew Evert....Med. Student, U. of M., St. Paul, Minn.
June Rose Evert.....St. Paul, Minn.
Albert Howard Gammons....Theo. Student, San Anselmo, Cal.
Jesse Willis Hamblin.....Theo. Student, Chicago, Ill.
Stanley Hurlbut Hodgman.....
Student, Boston Tech., Boston, Mass.

William Andrew Horne.....Theo. Student, Chicago, Ill.
Helen Mary Hunt.....Teacher, St. Croix Falls, Wis.
Edward Henry Joesting.....Theo. Student, St. Louis, Mo.
John Archibald McEwen.....Theo. Student, Chicago, Ill.
Sarah Grace McMartin.....Teacher, Jordan, Minn.
Pearl Alma Nash.....Teacher, Preston, Minn.
Mildred Gretchen Phillips..Teacher of Music, St. Paul, Minn.
Minnie Mae Pierson.....Minnewaukan, N. D.
Mary Elsie Raymond.....Teacher, Beachley, Ore.
Gladys Isabelle Roberts.....Minneapolis, Minn.
Jeannette Paulina Sawyer.....St. Paul, Minn.
Frederick Samuel Shimian.....Theo. Student, Omaha, Nebr.
Elmer Stuart Smith.....Law Student, St. Paul, Minn.
Elizabeth Libby Staples.....St. Paul, Minn.
Vernon Elliott Stenerson.....
Student, Harvard U., Cambridge, Mass.
Norman Kendall Tully.....Y. M. C. A., St. Paul, Minn.
Ruth Minerva von Dorn-Gammons.....San Anselmo, Cal.
June Adelia Woodward.....Granite Falls, Minn.

Alumni of the School of Music.

Class of 1900.

Mrs. Maud Taylor-Hansen, piano.....Minneapolis, Minn.

Class of 1901.

Millicent Viola Mahlum, piano.....Brainerd, Minn.

Class of 1905.

Grace Taylor, voice.....
Mrs. W. H. Amos, piano.....Howard Lake, Minn.

Class of 1906.

Carmen Mahlum, voice.....Brainerd, Minn.
Pearl Neeb, voice.....Lewiston, Minn.
Charrie Roberton, voice.....Rushford, Minn.
Mildred Gretchen Phillips, piano.....St. Paul, Minn.
Paul H. Th. Rusterholz, voice.....Wells, Minn.

Class of 1907.

Gyda Hansen, voice.....St. Paul, Minn.
Richard U. Jones, voice.....St. Paul, Minn.

Class of 1908.

Ethel Erckenbrack, voice.....Parkers Prairie, Minn.
Ada Nash, piano.....Pipestone, Minn.
Gladys Neff, piano.....Neillsville, Wis.
Minnie Tullar, piano and voice.....Warren, Minn.
Clara Odenwald, voice.....Jordan, Minn.

Class of 1909.

Lorraine Vern Miller, piano.....La Moure, N. D.
Rhea Le Pierre Rocheleau, piano.....Ocean Park, Cal.
Anna May Woodworth, piano.....Carlton, Minn.

Class of 1910.

Ardelia Bisbee, piano.....Madelia, Minn.
Mildred C. Corliss, piano.....Grand Forks, N. D.
Ada Dahlgren, voice.....Fergus Falls, Minn.
Lillian Hall, voice.....Minnewaukan, N. D.
Estelle Spayde, voice.....Rapid City, S. D.

Roll of Students.

COLLEGE.

Senior Class.

William Ernest Baskerville.....Spicer, Minn.
Charles Bremicker.....St. Paul, Minn.
Allan Hill Brown.....Waukesha, Wis.
Homer Clyde Cardle.....Blue Earth, Minn.
Fred Franklin Carson.....LeSueur, Minn.
Janet Isabella Dodds.....Claremont, Minn.
Donald Smith Doty.....St. Paul, Minn.
Effie Miranda Ellison.....La Moure, N. D.
Hulda Olivia Ellison.....La Moure, N. D.
Oscar Melvin Ellison.....La Moure, N. D.
Marjory Lucy Hanson.....Warren, Ohio
Bayard William Heed.....Cokato, Minn.
Arthur Billings Hunt.....St. Paul, Minn.
Ernest Wilburt Johnson.....Neche, N. D.
Ina Elizabeth Lindsley.....Marshall, Minn.
Anna Mae Little.....Plover, Iowa.
Luella Irene Murphy.....Madelia, Minn.
William Earls Noyes.....Stephen, Minn.
Adelaide Wadsworth Payne.....St. Paul, Minn.
Russell Stephen Peterson.....Willmar, Minn.
Leland William Porter.....St. Paul, Minn.
Edna Francis White.....Amboy, Minn.

Junior Class.

Dorothy Elizabeth Baumgart.....St. Paul, Minn.
James Brinks.....Princeton, Minn.
Orville Clifton Cardle.....Blue Earth, Minn.
Bessie Florence Clark.....St. Paul, Minn.
Mabel Emma Cosgrove.....LeSueur, Minn.
Elva May Davis.....Madison, S. D.
Louise Lombard Davison.....Madison, S. D.
Jessie Ellen Fisher.....Forest Lake, Minn.
Clarence Oscar Graue.....Blue Earth, Minn.

Florence Hunt ..... St. Paul, Minn.
Earl Duane Jenckes ..... Pipestone, Minn.
Clarence Eugene Johnson ..... Cokato, Minn.
Marion Burdick Jones ..... Wabasha, Minn.
Rudolf Kastanek ..... Breziny, Policka, Bohemia.
Ruth Anna McKinley ..... Medford, Minn.
Louis Whitford Matteson ..... Williston, N. D.
Clarice Audrey Miller ..... Ely, Minn.
John Gottfried Schmidt ..... Blue Earth, Minn.
Ella Adelia Stearns ..... Jasper, Minn.
Edna Alda Stewart ..... Delhi, Minn.
Cassie Marie Stoddart ..... St. Paul, Minn.
Louise Antoinette Walvoord ..... Cedar Grove, Wis.
Oakley Russell Tripp ..... Round Lake, Minn.
Oscar Westerlund ..... St. Paul, Minn.
Muriel Faye Wheeler ..... Litchfield, Minn.
Harry Merrium Willmert ..... Blue Earth, Minn.
Ralph Calvin Wilson ..... Maine, Minn.

Sophomore Class.

Remsen Marsh Bell ..... Washburn, Wis.
Clara Berdan ..... Chatfield, Minn.
Enoch Newman Bengtson ..... Rush City, Minn.
Roscoe James Brown ..... Sylvan, Minn.
Ragna Leonora Bye ..... Kenmare, N. D.
Gladstone Wilfrid Campbell ..... Superior, Wis.
Paul Ephraim Carlson ..... Harris, Minn.
George Oliver Chase ..... Florence, Nebr.
Mary Bernice Clark ..... Eden Prairie, Minn.
Leonard Alvin Clark ..... Eden Prairie, Minn.
Archie Earl Dean ..... Craik, Sask.
Emma Joy Frederick ..... Delano, Minn.
William Henry Wallace Holley ..... East Grand Forks, Minn.
Berenice Antoinette Kellogg ..... St. Paul, Minn.
Del Leslie Laughlin ..... Lisbon, N. D.
Bessie Elizabeth Lovell ..... Amboy, Minn.
Grace Eloise McClure ..... Litchfield, Minn.
Robert Lee McCornack ..... St. Paul, Minn.
Helen B. McMillan ..... Belview, Minn.
John Samuel Nyquist ..... Dassel, Minn.
Florence Amelia Otis ..... St. Paul, Minn.
Pearl Margueritte Palmer ..... Madison, S. D.
Norton Walter Peet ..... Wolverton, Minn.
William Conkey Phillips ..... Preston, Minn.
Ruth Lynn Porter ..... Madison, S. D.
Harold Percy Roberts ..... Minneapolis, Minn.
Adeline Marie Rosebrock ..... Owatonna, Minn.

William Ellison Scott.....Two Harbors, Minn.
Ray Simons.....Virginia, Minn.
Marie Gertrude Smits.....LeRoy, Minn.
James Merton Snyder.....Fulda, Minn.
Olive Batterbee Southwell.....Minneapolis, Minn.
John H. Styles, Jr.....Willmar, Minn.
Florence Adell Switzer.....Two Harbors, Minn.
John Daniel Thomas.....Lime Springs, Iowa.
John Russel Thomas.....Sherburn, Minn.
Mabel Edith Trenerry.....Hibbing, Minn.
Katie Lillian White.....Claremont, Minn.
Vera Mae Zimbeck.....Montevideo, Minn.

Freshman Class.

Carrie Ellen Alvord.....Washburn, Wis.
Richard Harlow Anderson.....Donnelly, Minn.
Wallace Jay Anderson.....Eden Prairie, Minn.
Harold Harvey Baldwin.....Milnor, N. D.
Coral Barnard.....Mankato, Minn.
Edwin Blois Barrett.....Browns Valley, Minn.
Harriett Matilda Bartlet.....St. Cloud, Minn.
Romona Bell.....St. Paul, Minn.
Hosea Greenwood Bosley.....Harlem, Mont.
Arthur George Brown.....Eden Prairie, Minn.
Elizabeth Sellers Brown.....Oakes, N. D.
Truman Dean Brown.....Eden Prairie, Minn.
Margaret Buckbee.....Minneapolis, Minn.
Lenna May Campbell.....Minneapolis, Minn.
Lulu Ellen Carey.....Duluth, Minn.
Edwin Maurice Clark.....Eden Prairie, Minn.
Margaret McGregor Doty.....St. Paul, Minn.
Leslie Lisle Druley.....Esterville, Iowa.
Vera Margery Dunlap.....St. Paul, Minn.
Tilda Alvina Fering.....Lamberton, Minn.
Lloyd Gilmore .....Hope, N. D.
G. David Gustafson.....Rush City, Minn.
William Harry Haly.....Cable, Wis.
Urban H. Hanson.....Ashland, Wis.
Glenn Schuyler Hendryx.....Austin, Minn.
Margaret Howard.....Tower City, N. D.
Harold Edwin Hullsiek.....St. Paul, Minn.
Emil William Jahnke.....Pepin, Wis.
Pearl Johnson.....St. Paul, Minn.
Robert Loyd Lang.....Mapleton, Minn.
Myrtle Alicia Little.....LeSueur, Minn.
Edward Everett McCabe.....St. Paul, Minn.
Hazel May McClintock.....Owatonna, Minn.

Lois Euphemia McEwan.....Alexandria, Minn.
Thomas McMillan.....St. Paul, Minn.
William Manheimer.....St. Paul, Minn.
Lillian E. Miller.....Prior Lake, Minn.
John Frederick Mueller.....Morgan, Minn.
Joseph Robert Neller.....Hayfield, Wis.
Arthur Emanuel Nelson.....Brown's Valley, Minn.
Winne Marie Norton.....Hudson, Wis.
Evelyn Pickthorn.....Brown's Valley, Minn.
Helen Marie Prosser.....Duluth, Minn.
Alfred Quackenbush.....Duluth, Minn.
Mark Matthew Reed.....St. Paul, Minn.
Gertrude Gray Smith.....St. Paul, Minn.
Lillian Stapleton .....Minneapolis, Minn.
Ole Strand .....Towner, N. D.
Helen Antonia Stratte.....Dawson, Minn.
Selma Ovidia Stratte.....Dawson, Minn.
Frank Willis Street.....St. Paul, Minn.
John William Stuhr.....Euclid, Minn.
Lola Edith Terry.....Lamberton, Minn.
Charles Albert Thomas.....Brown's Valley, Minn.
Emma Anna Treibel.....St. Paul, Minn.
Della Ann Trotter.....Dawson, Minn.
Lucius Harlow Watkins.....Carlton, Minn.
Louise G. Weaver.....Anoka, Minn.
Susie Frances White.....Claremont, Minn.

Special Students.

Erna Wilhelmina Martha Appel.....Springfield, Minn.
William Alfred Chapman.....Waltham, Minn.
Solomon David David.....Damascus, Syria.
Everett H. Hale.....Minneapolis, Minn.
Faith Clara Hardy.....Morris, Minn.
Walter Joseph Kennedy.....St. Paul, Minn.
Elmer Shepard McCourt.....St. Paul, Minn.
Marie Footner Moreland.....St. Paul, Minn.
Arvid Jacob Ostling.....St. Paul, Minn.
Albert Henry Porter.....Duluth, Minn.
Theresa Rea.....Rockford, Ill.
Samuel Gottlieb Schfek.....Grant Park, Ill.
Mabel Seymour.....St. Paul, Minn.
Charles Daniel Sneller.....Minneapolis, Minn.
Willard Grandy Taylor.....Minneapolis, Minn.
Mildred Ruth Way.....St. Paul, Minn.

BALDWIN SCHOOL.

Senior Class.

Phyllis Atherton Drew.....St. Paul, Minn.
James Ross DuShane.....St. Paul, Minn.
Steele Fisher.....Armstrong, B. C.
Margaret Elizabeth Harrison.....St. Paul, Minn.
Helen Ruth Jackson.....St. Paul, Minn.
Erma Johnson.....St. Paul, Minn.
Blanche Hazel Macdonell.....St. Paul, Minn.
Emily Helen Payne.....St. Paul, Minn.
Harold M. Sims.....Grangeville, Idaho.
Julia Marshall Slack.....St. Paul, Minn.
Dorothy Elizabeth Thomas.....St. Paul, Minn.
Ruth Tormey.....St. Paul, Minn.
Clarence Henning Turnquist.....Minneapolis, Minn.
Ada Helen Wilcox.....Minneapolis, Minn.
Elda Mary Wilson.....Maine, Minn.

Junior Class.

Esther Clara Abbetmeyer.....St. Paul, Minn.
George William Barbo.....Deronda, Wis.
Julia Bratheng.....Battle Lake, Minn.
Jean Brawley.....St. Paul, Minn.
Grace Brown.....St. Paul, Minn.
Alice Blanche Carlson.....St. Paul, Minn.
Marie Thaasen Dahlquist.....Watauga, S. D.
Francis Marion Dana.....St. Paul, Minn.
Margaret Marie Defiel.....St. Paul, Minn.
Margaret Douglass Downing.....St. Paul, Minn.
Gwendolyn Latimer Eastman.....St. Paul, Minn.
Christopher Leo Kenny.....St. Paul, Minn.
Frederick Joseph Kenny.....St. Paul, Minn.
Alvin Otto Leuzinger.....Waverly, Minn.
Mabel Lenore Lundsten.....Waconia, Minn.
John Thomas McCallum.....St. Paul, Minn.
Margaret Christina McRae.....Lee, Mont.
Loana Miriam Miller.....St. Paul, Minn.
Erling Monnes.....Portland, Oregon.
Nina Carol Moore.....St. Paul, Minn.
Earl Coy Padelford.....Austin, Minn.
Carl Esbjorn Schnur.....St. Paul, Minn.
Zylpha Lauretta Sharpe.....St. Paul, Minn.

Mabel Parthenia Smith.....St. Paul, Minn.
Vera Marie Utter.....St. Paul, Minn.
Mary Helen Wade.....St. Paul, Minn.
George William Wells.....St. Paul, Minn.

Sophomore Class.

Theodore Emil Anderson.....St. James, Minn.
Albert Christopher Barbo.....Deronda, Wis.
Henry Stephen Blomberg.....MacGregor, Minn.
Lucy McRae Bosley.....Harlem, Mont.
Charles Henry Bronson.....Minneapolis, Minn.
Isabel Orva Brown.....Hensler, N. D.
Charlotte Agatha Burlington.....Bolívar, N. Y.
Chester Louis Coleman.....St. Paul, Minn.
Katharine Currie Davies.....St. Paul, Minn.
Clara Genevieve Emmons.....Bethel, Minn.
Grace Stewart Ewing.....St. Paul, Minn.
Luther Barwise Harrison.....White Bear, Minn.
Henry Alex Holmberg.....St. Paul, Minn.
Henry Lewis.....Minneapolis, Minn.
Charles Pfister Loew.....Shakopee, Minn.
Chester McLeod.....Duluth, Minn.
Stuart Ainslie McLeod.....St. Paul, Minn.
Helen Minerva Moore.....St. Paul, Minn.
Samuel Banks Nelson.....Minneapolis, Minn.
Mildred Pederson.....Strum, Wis.
Katherine Meredith Phillips.....Minneapolis, Minn.
Grace Seigman.....St. Paul, Minn.
Harriet Smuckler.....St. Paul, Minn.
Madge Ione Smith.....St. Paul, Minn.
Herbert Mortimer Temple.....St. Paul, Minn.
Miriam Winifred Wallace.....St. Paul, Minn.

Freshman Class.

Paul Arp.....Luverne, Minn.
Everett Franklin Bosley.....Harlem, Mont.
Henrietta Brawley.....St. Paul, Minn.
Ernest Frederick Bremmer.....St. Paul, Minn.
Bernice Burk.....Minneapolis, Minn.
John Archibald Davies.....St. Paul, Minn.
Nora Ellen Denton.....Wendell, Minn.
Clara Petrena Draxton.....Minneapolis, Minn.

Lucy Leah DuFresne.....St. Paul, Minn.
Frances Dunning.....St. Paul, Minn.
Alice Mary Eames.....Osnabrock, N. D.
Myrtle Eha.....St. Paul, Minn.
Wavey Annie Elifson.....St. Paul, Minn.
Ernest Burl Emmons.....Bethel, Minn.
Charles George Gordon Fisher.....Forest Lake, Minn.
Roy Gardner Foote.....St. Paul, Minn.
James Wentworth Freeman.....St. Paul, Minn.
Howard Edwin Frost.....St. Paul, Minn.
Dorothy Carolyn Gaver.....St. Paul, Minn.
Raymond Kirk Gooch.....St. Paul, Minn.
Lucile Janet Harrison.....St. Paul, Minn.
Marion Regina Hinners.....St. Paul, Minn.
Mary Amelia Hitchcox.....St. Paul, Minn.
Frank Orville Holmes.....St. Paul, Minn.
Eugene Wilbur Hunt.....St. Paul, Minn.
John Macfarlane Johnson.....St. Paul, Minn.
Ruth Hamilton Johnston.....St. Paul, Minn.
Therian Cecil Lemon.....St. Paul, Minn.
Irvin Aden Lowry.....Oakland, Minn.
Dean Esther McCorquodale.....Delhi, Minn.
Wendell Scott McRae.....St. Paul, Minn.
Swan William Mattson.....Kensington, Minn.
Ruth Ludlow Moore.....St. Paul, Minn.
Margaret Sylvia Mount.....St. Paul, Minn.
Mabel Nichols.....St. Paul, Minn.
Ruth Nickel.....St. Paul, Minn.
Lee Schindel.....St. Paul, Minn.
Doris Margaret Slocum.....St. Paul, Minn.
Myrtle Florence Smith.....St. Paul, Minn.
Lewis James Symonds.....Wendell, Minn.
Hazel Van Etten.....St. Paul, Minn.
Valeta Viola Ward.....St. Paul, Minn.

Special Students.

Frances Genevieve Birkett.....Ellsworth, Minn.
Martha Boyce.....Fargo, N. D.
Margaret Anderson Clow.....St. Paul, Minn.
William Albert Dalton.....Birmingham, Eng.
Ada Ernst.....St. Paul, Minn.
John Leslie Harvey.....Minneapolis, Minn.
Edythe Henry.....St. Paul, Minn.
Hans McIntyre Hilley.....Glasgow, Scotland.
Lillian K. McRae.....Lee, Mont.
Margaret Helen Prothero.....Minneapolis, Minn.
William Riley.....St. Paul, Minn.

Leo De Rochford.....Austin, Minn.
Elsie E. Scott.....Forest Grove, Ore.
Lena Underdahl.....St. Paul, Minn.
John Russell Williams.....Minneapolis, Minn.

MUSIC STUDENTS.

Erna Wilhemina Martha Appel.....Springfield, Minn.
Louise Anna Christine Appel.....Springfield, Minn.
Nelle Ballantyne.....Glendive, Mont.
Frances Genevieve Birkett.....Ellsworth, Minn.
Elizabeth Sellers Brown.....Oakes, N. D.
Roscoe James Brown.....Sylvan, Minn.
Charlotte Agatha Burlington.....Bolivar, N. Y.
Margaret Anderson Clow.....St. Paul, Minn.
Elva May Davis.....Madison, S. D.
Alice Mary Eames.....Osnabrock, N. D.
Edith May Ellison.....La Moure, N. D.
Tilda Alvina Fering.....Lamberton, Minn.
Katherine Gamble.....Wayne, Nebr.
Dorothy Carolyn Gaver.....St. Paul, Minn.
Maud Mary Gimbert.....Rochester, Minn.
Myrtha Marie Gunderson.....St. Paul, Minn.
Ethel Haggard.....Mankato, Minn.
Flora Harriet Hamilton.....Rochester, Minn.
Jeannette Headley.....Two Harbors, Minn.
Stella Wilhelmina Heger.....St. Paul, Minn.
Margaret Howard.....Tower City, N. D.
Pearl Johnson.....St. Paul, Minn.
Henrietta Lambrecht.....St. Paul, Minn.
Jennie Lewis .....Winnipeg, Man.
Anna Mae Little.....Plover, Iowa.
Ruth Anna McKinley.....Medford, Minn.
Lillian McRae.....Lee, Mont.
Margaret Christina McRae.....Lee, Mont.
Edna L. Mohr.....Buffalo, N. D.
Peryl W. Oakley.....Minneapolis, Minn.
Lottie May Olson.....Argyle, Minn.
Iva Mannette Palmer.....Madison, S. D.
Pearl Margueritte Palmer.....Madison, S. D.
Amy Ruth Peterson.....St. Paul, Minn.
Adeline Marie Rosebrock.....Owatonna, Minn.
Marie Barbara Rothfus.....St. Paul, Minn.
Elsie Elizabeth Scott.....Forest Grove, Ore.
Lillian Simpkins.....St. Paul, Minn.
Julia Carson Stockett.....Bankhead, Alberta.
Mary Frances Symonds.....Wendell, Minn.
Hanna Henrietta Voskuil.....Baldwin, Wis.
Miriam Winifred Wallace.....St. Paul, Minn.

SUMMARY OF STUDENTS.

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